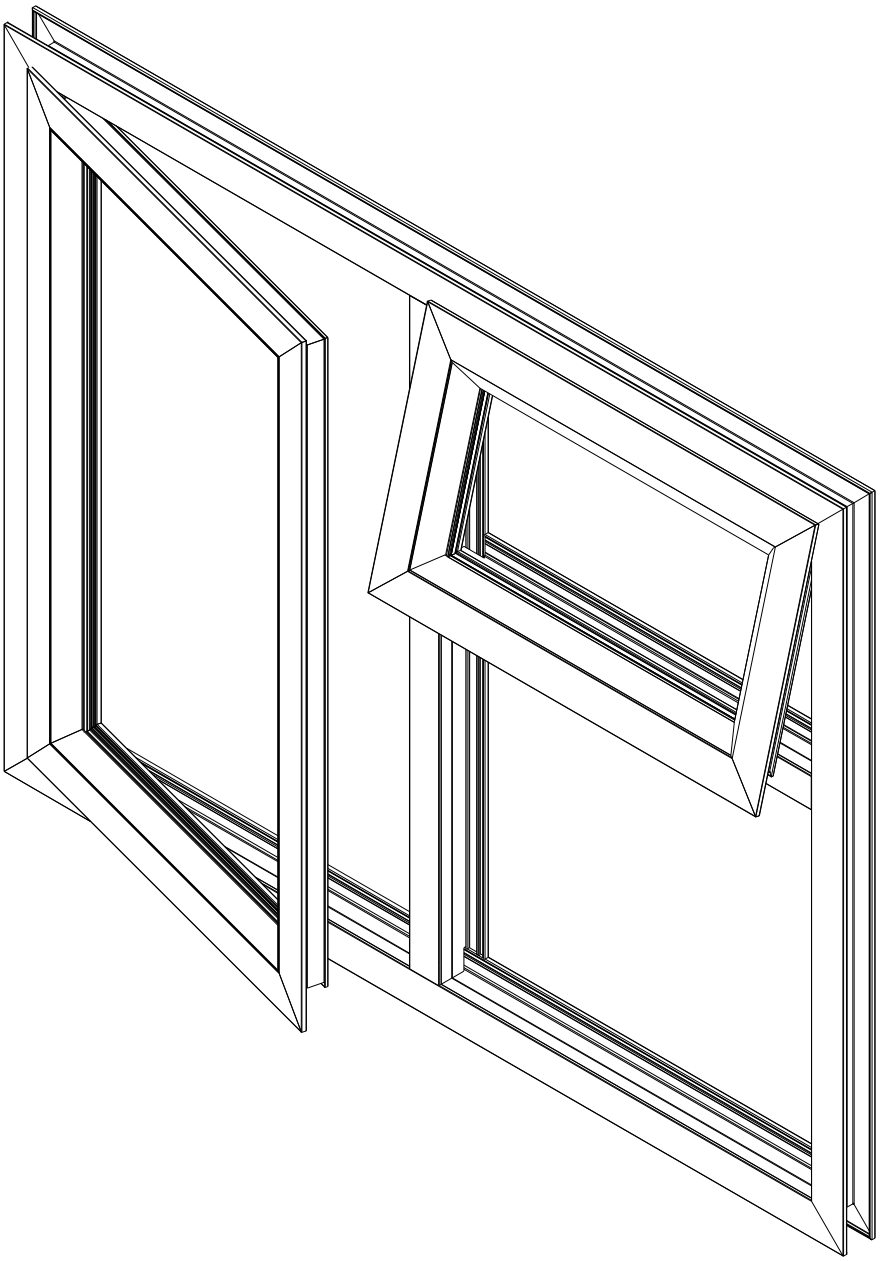
crealco | CASEMENT 30.5

CASEMENT 30.5
WINDOW SYSTEM



PRODUCT MANUAL

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Revision: November 2012

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This manual must be read in conjunction with the Installation, Cleaning and Maintenance Document, BEE Certificates and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

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LEGAL DISCLAIMER

All information, recommendations or advice contained in this documentation is given in good faith to the best of Wispeco's knowledge and is based on current procedures in effect.

Since the actual use of this documentation by the user is beyond the control of Wispeco, such use is within the exclusive responsibility of the user. Wispeco cannot be held responsible for any loss incurred through incorrect or faulty use of this documentation.

Great care has been taken to ensure that the information provided is correct. Wispeco will accept no responsibility for any errors and/or omissions, which may have inadvertently occurred.

All mechanical joints must be sealed with a Wispeco approved joint sealer.

Laminated glass must not stand in water.

All drawings in the Wispeco Documentation are shown NOT to scale.

Wispeco cannot accept responsibility for the use of standard products since Wispeco does not know where these products are being installed.

The use of anti-magnetic stainless steel screws and pop rivets is recommended to reduce galvanic corrosion in harsh environments.

The hardware recommended in this documentation is suitable for use in most atmospheric environments. When hardware is used in severe costal environments the manufacturer of the hardware must be consulted.

Fixing lugs on frames must be positioned as per the user manual and used in accordance to the AAAMSA specifications. When profiles are screwed together the screw centers must also be according to the user manual.

All glass used within Wispeco products must comply with SAGGA regulations.

By continuing to use this documentation you acknowledge that you understand and accept the legal disclaimer.

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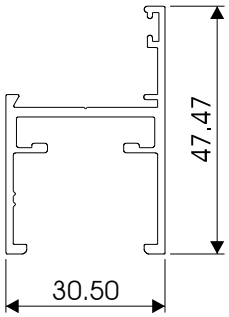
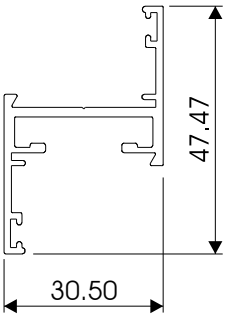
CASEMENT 30.5
WINDOW SYSTEM
PROFILE IDENTIFICATION

Conways Est. 1946
Aluminium Profile Stockists



FRAME 30mm
EQ LEG STD
W27990



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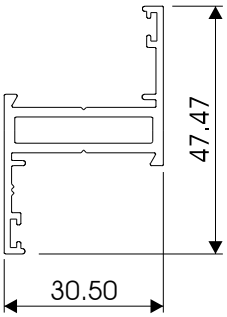
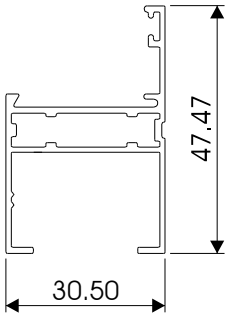
UNEQ LEG STD
W27992



SASH TUBULAR
STANDARD
W53631



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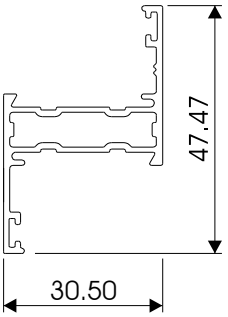
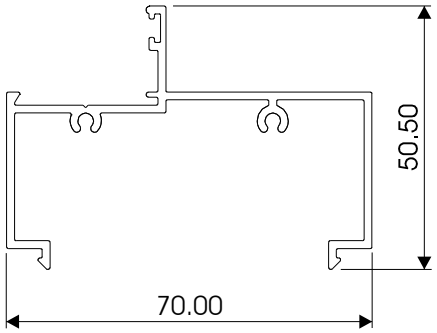
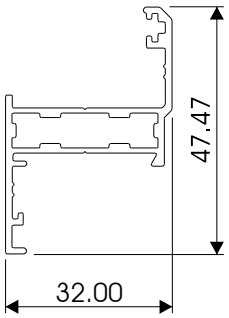
EQ LEG ECON
W55009



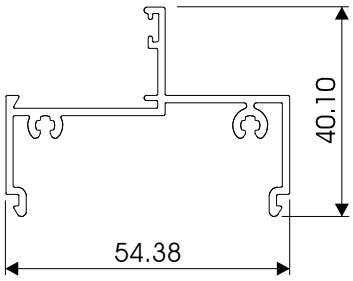
SASH
ECONO
W50959



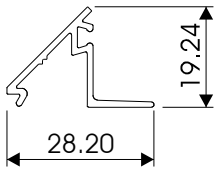
FRAME 70mm
W70968



SASH
PICTURE FRAME
W55441



FRAME 54mm
W28481



BEAD
4 & 5mm
W27991

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CASEMENT 30.5
WINDOW SYSTEM
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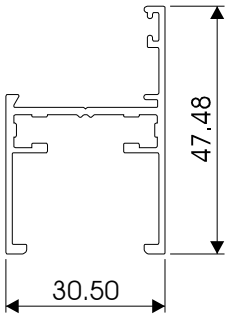
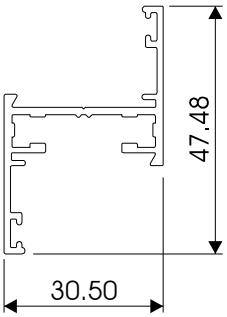
Aluminium Profile Stockists



CAS30.5 FRAME 30mm
EQUAL LEG
W32028



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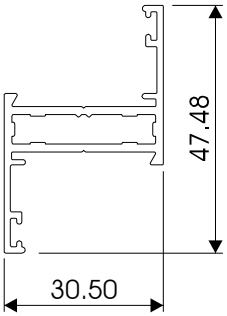
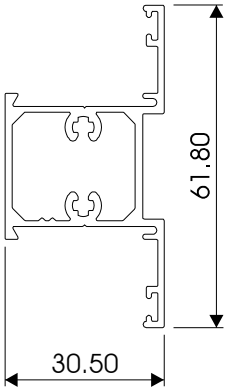
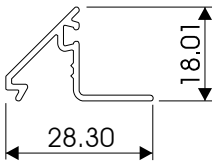
UNEQUAL LEG
W32027



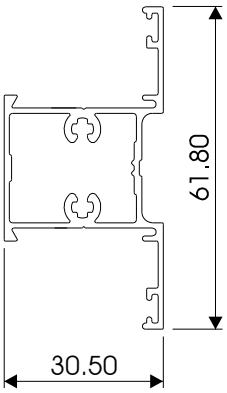
CAS30.5 SASH TUBULAR
W55684



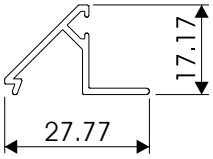
CAS30.5 MULLION 30mm
W55685



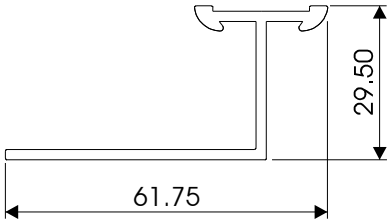
CAS30.5 BEAD MULTI
13mm GAP
W31139



CAS30.5 MULLION 30mm
ECONO
W55008



CAS30.5 BEAD 6mm
W28325



CAS30.5 FIXING LUG
TWIST IN
W28002

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CASEMENT 30.5
WINDOW SYSTEM
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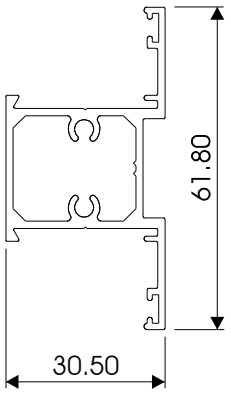
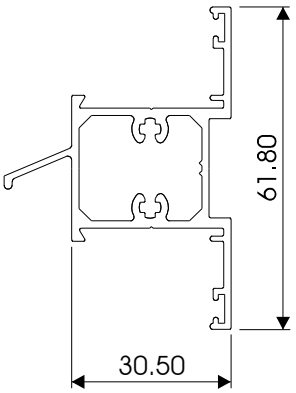
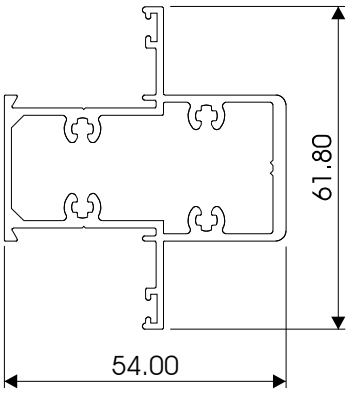
Aluminium Profile Stockists



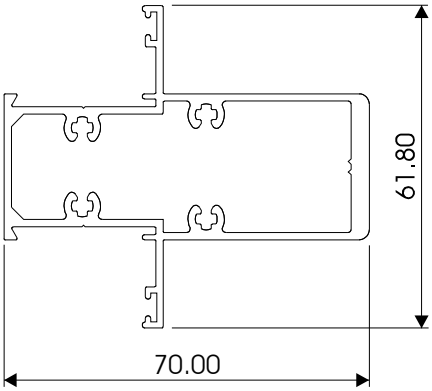
CAS30.5 MULLION 30mm
STANDARD
W53629



CAS30.5 MULLION 30mm
WEATHER BAR
W53630



CAS30.5 MULLION 54mm
W54651



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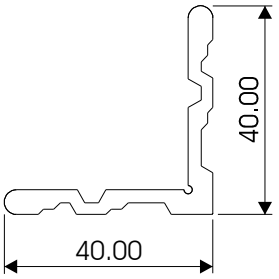
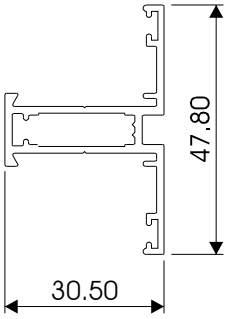
W54652



CAS30.5 CORNER CLEAT
40mm
W27989



CAS30.5 MULLION 30mm
COTTAGE PANE
W54867

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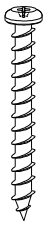
CASEMENT 30.5
WINDOW SYSTEM
HARDWARE IDENTIFICATION

Conways Est. 1946
Aluminium Profile Stockists

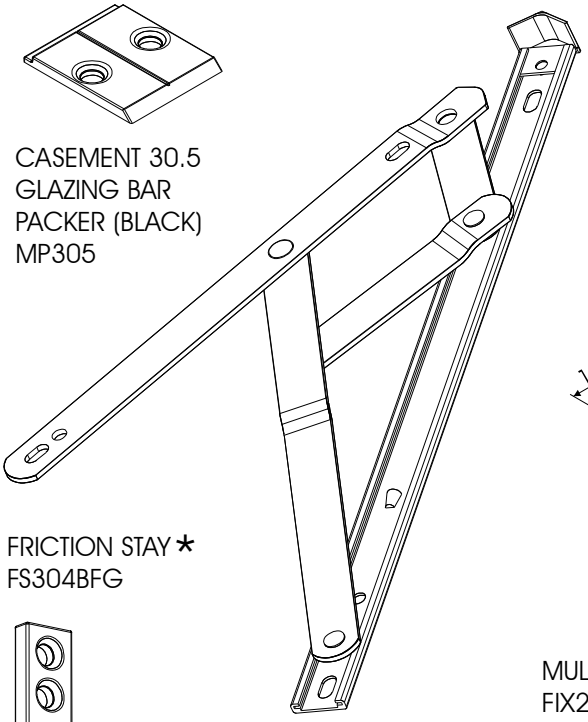
CASEMENT 30.5
GLAZING BAR
PACKER (BLACK)
MP305



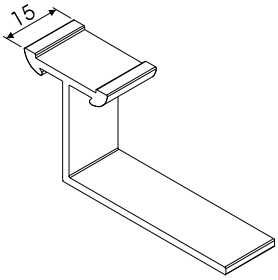
8x30 P/HEAD POSI
S/S SCREW
STPPS830

8x9 C/S
HANDLE SCREW
BLUNT POINT
STPPS895

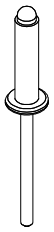
8x40 COUNTERSUNK
POSI S/S SCREWS
STCPS840



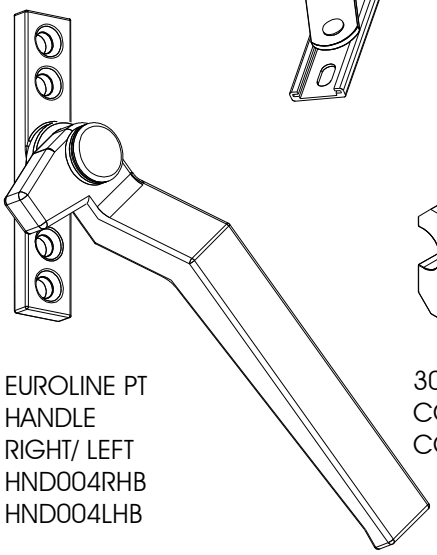
FRICTION STAY *
FS304BFG



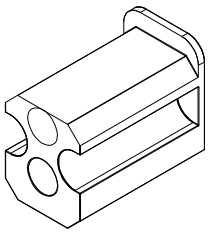
MULTI FIXING LUG ALUM 15mm
FIX29499



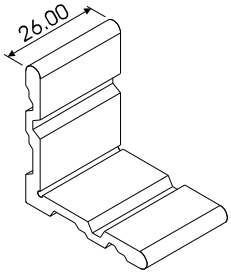
4.8 x 10
DOME RIVET
CSKR4810



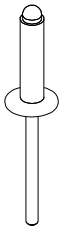
EUROLINE PT
HANDLE
RIGHT/ LEFT
HND004RHB
HND004LHB



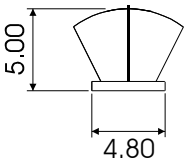
30.5 CROSS
CONNECTOR (BLACK)
CC305



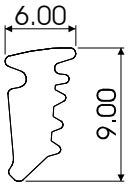
30.5 CASELITE
CORNER CLEAT
CL52695



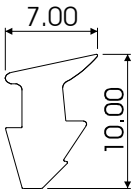
4 x 10
COUNTERSUNK RIVET
CSKR410



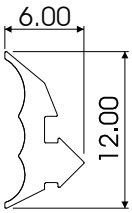
FINPILE
WP48500FG



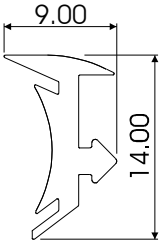
WEDGE H1
VR313FG



WEDGE H42
VR5123FG



BUTTERFLY H8
VP512FG



BUTTERFLY H20
VP300FG

* MAINTENANCE OF STAINLESS STEEL FRICTION STAYS
To preserve the appearance and prevent corrosion, wipe down Friction Stays with warm water and a mild detergent.
For stubborn dirt or stains, use a non corrosive cleaner, for more aggressive stains add a small amount of vinegar to water.
Carbon steel brushes and steel wool should be avioded as they may leave particles embedded in the surface which may lead to rusting. After cleaning rinse with hot water and dry using a clean cloth.
Cleaning is recommended once a month or more frequently when subjected to regular use or heavy soiling.

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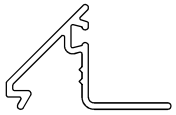
CASEMENT 30.5 WINDOW SYSTEM BUTTERFLY GASKET AND WEDGE CODES

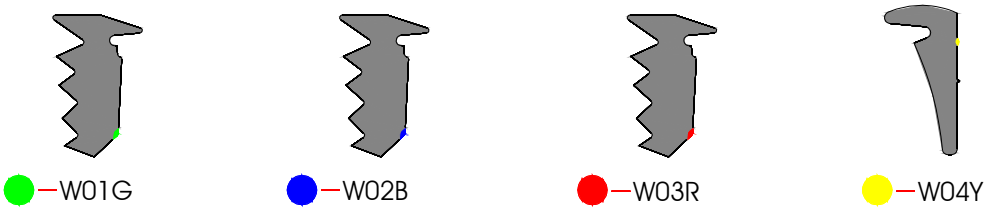
Conways Est. 1946
Aluminium Profile Stockists

BUTTERFLY GASKET

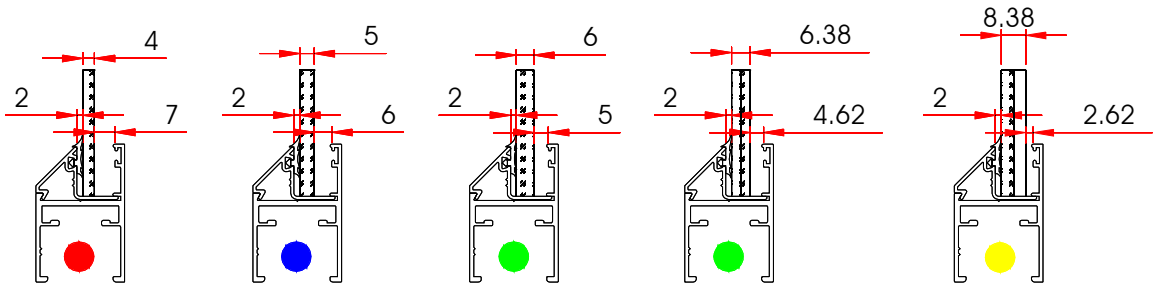
B01O



W31139 BEAD



WEDGES



CASEMENT 30.5 WITH W31139 BEAD

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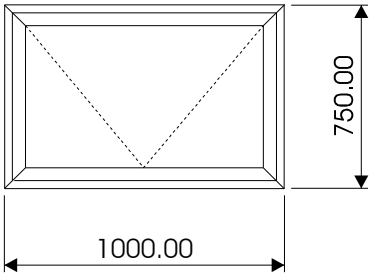
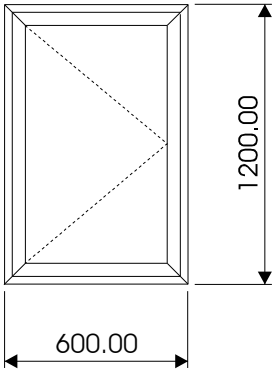
CASEMENT 30.5
WINDOW SYSTEM
SASH LIMITATION CHARTS

Conways Est. 1946
Aluminium Profile Stockists

		Maximum Vent Width in mm	Maximum Vent Height in mm
Top Hung	W53631	1000	750



		Maximum Vent Width in mm	Maximum Vent Height in mm
Side Hung	W53631	600	1200



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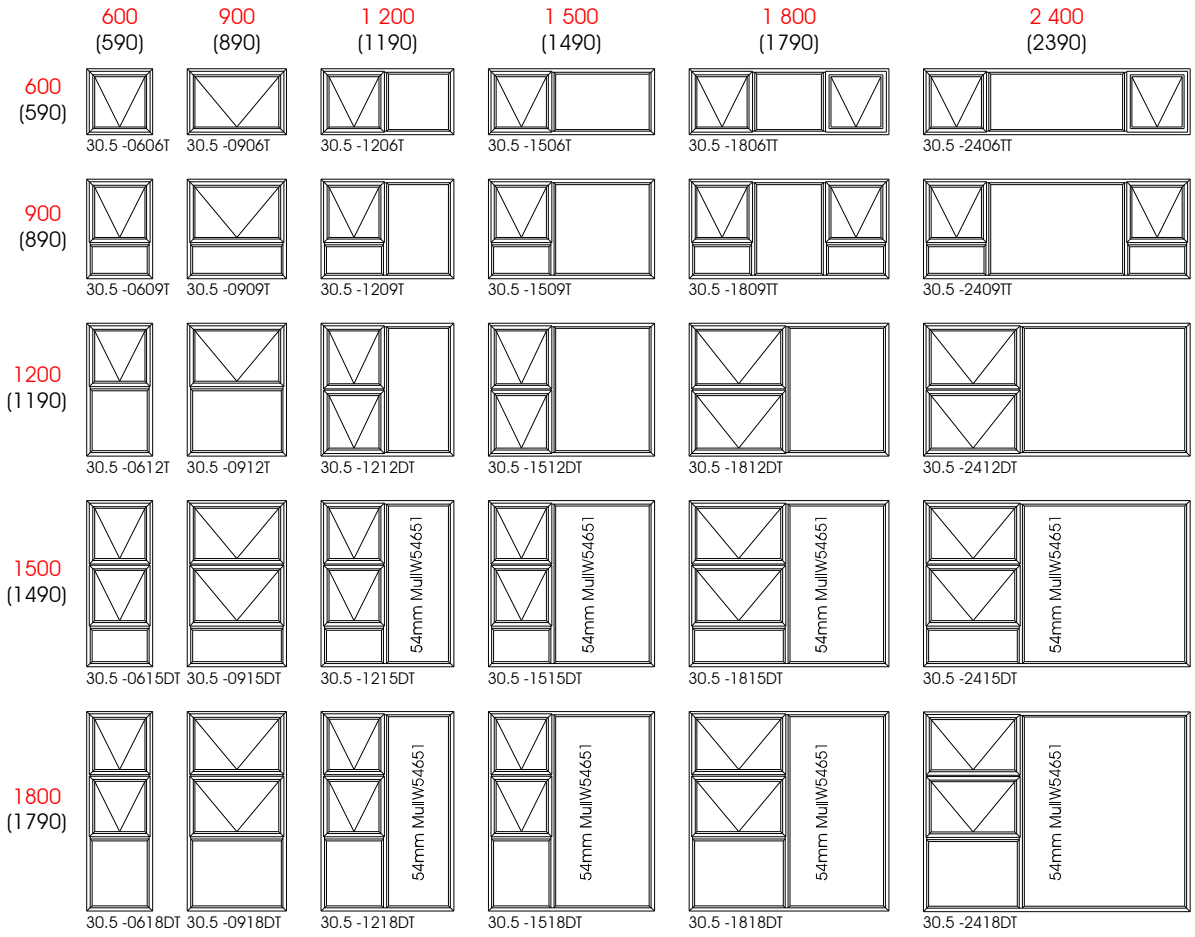
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TOP HUNG
600Pa WINDLOAD

Conways Est. 1946
Aluminium Profile Stockists

NOTE:

1. SEE THE MULLION LIMITATION CHART
2. OPENING SIZES SHOWN IN RED
3. ACTUAL WINDOW SIZES SHOWN IN BLACK AND BRACKETS.



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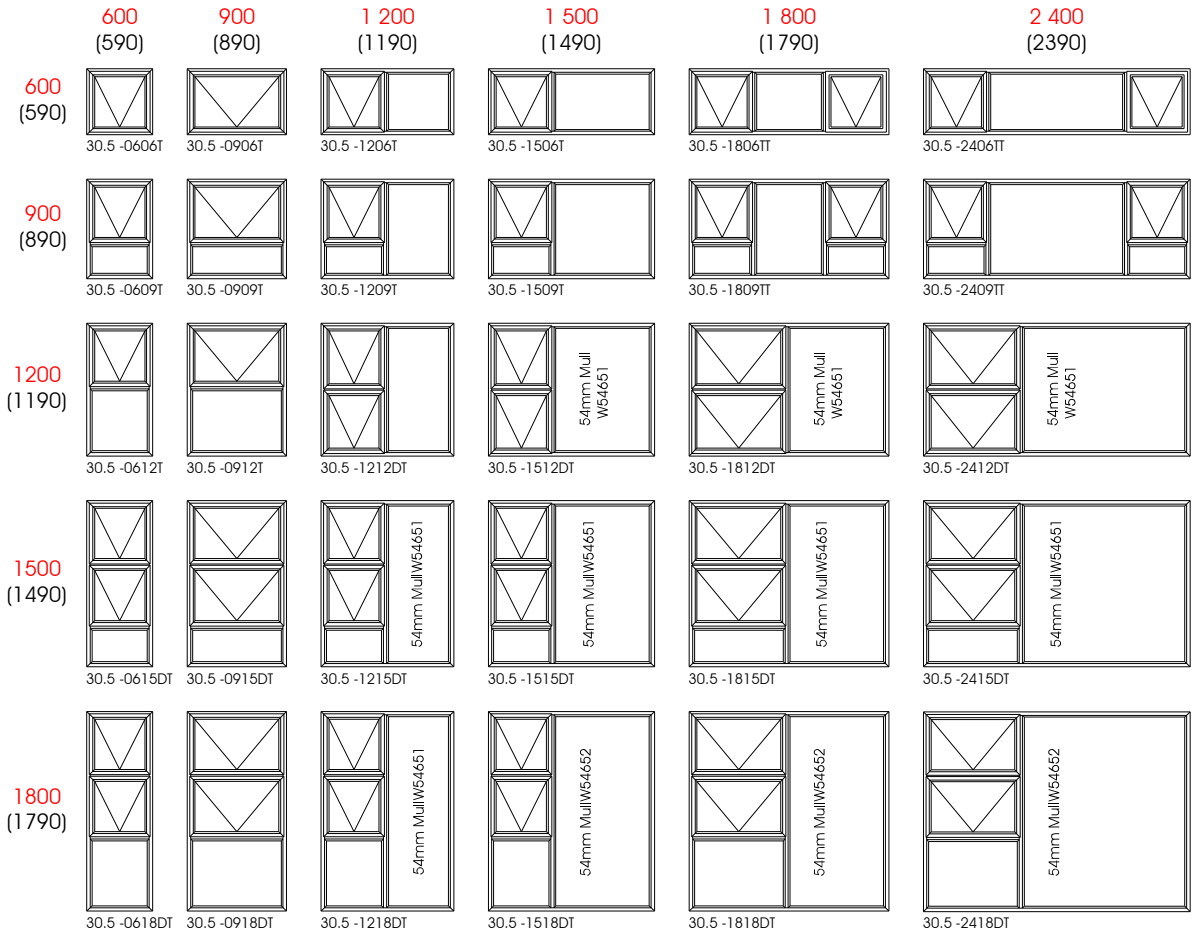
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TOP HUNG
1000Pa WINDLOAD

Conways Est. 1946
Aluminium Profile Stockists

NOTE:

1. SEE THE MULLION LIMITATION CHART
2. OPENING SIZES SHOWN IN RED
3. ACTUAL WINDOW SIZES SHOWN IN BLACK AND BRACKETS.



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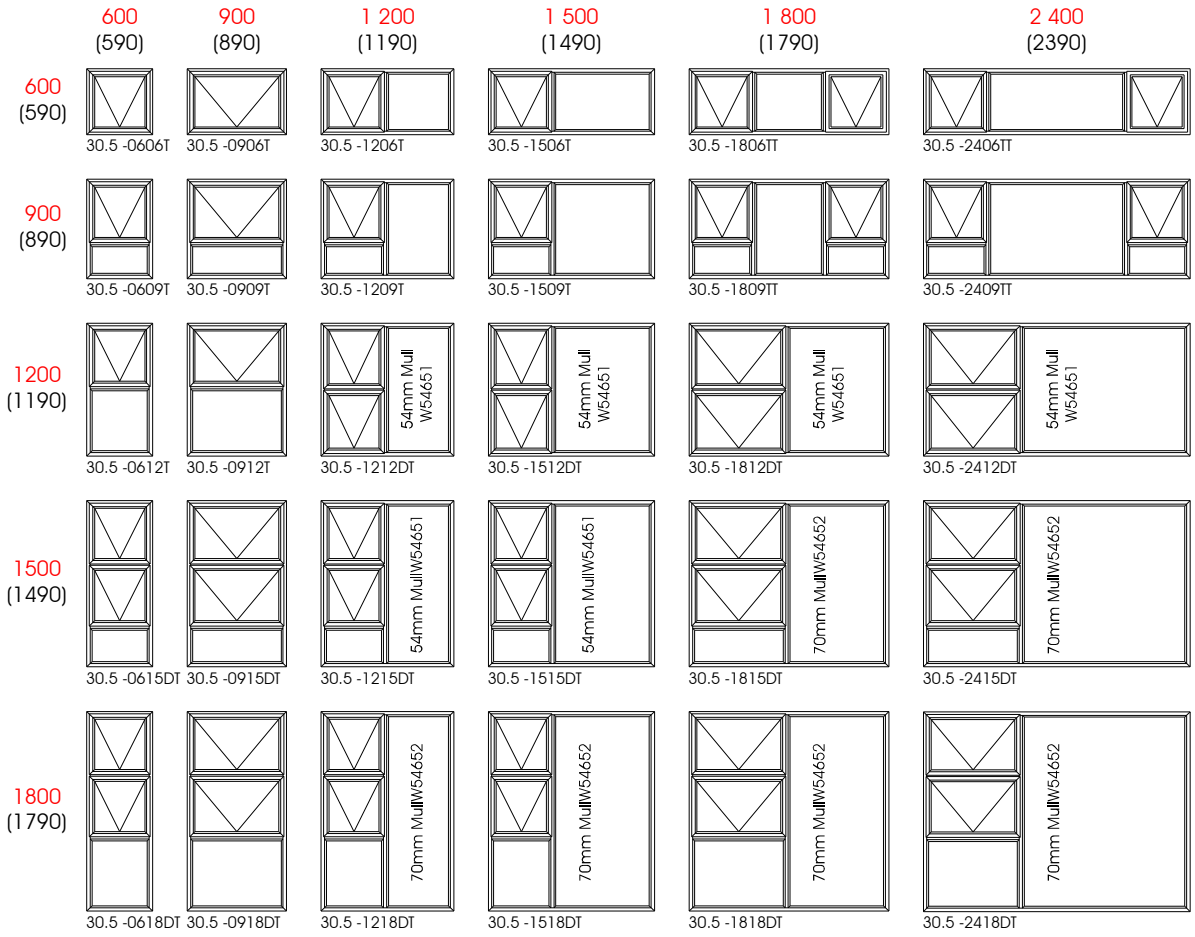
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TOP HUNG
1500Pa WINDLOAD

Conways Est. 1946
Aluminium Profile Stockists

NOTE:

1. SEE THE MULLION LIMITATION CHART
2. OPENING SIZES SHOWN IN RED
3. ACTUAL WINDOW SIZES SHOWN IN BLACK AND BRACKETS.



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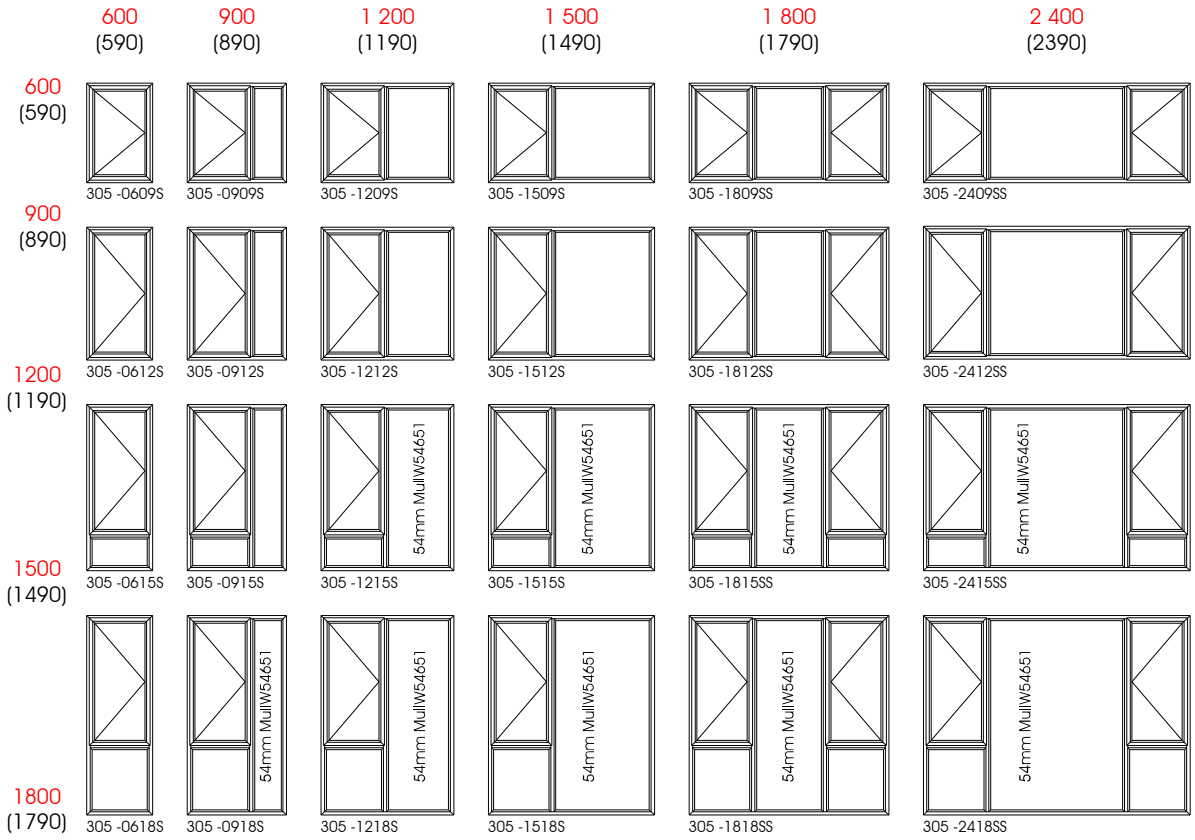
CASEMENT 30.5
WINDOW SYSTEM
STANDARD SIDE HUNG
600Pa WINDLOAD

Conways Est. 1946
Aluminium Profile Stockists

NOTE:

1. SEE THE MULLION LIMITATION CHART
2. OPENING SIZES SHOWN IN RED
3. ACTUAL WINDOW SIZES SHOWN IN BLACK AND BRACKETS.



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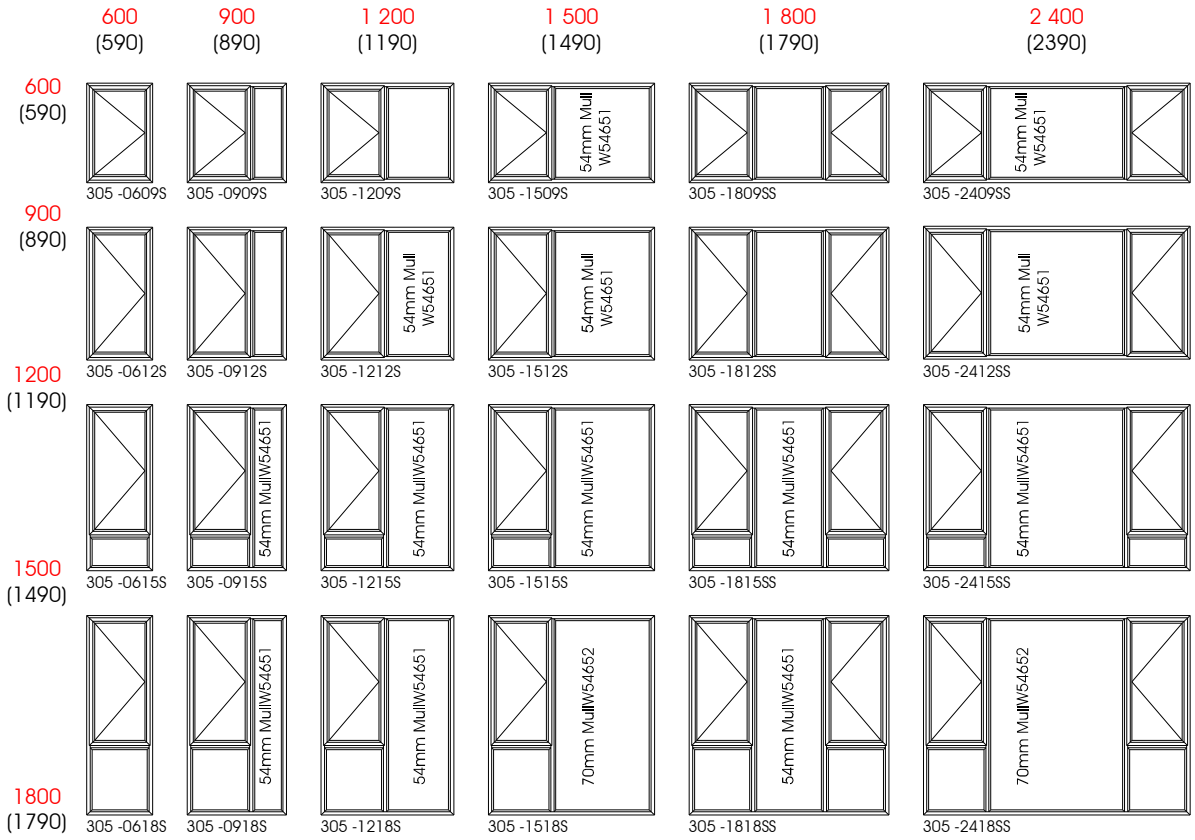
CASEMENT 30.5
WINDOW SYSTEM
STANDARD SIDE HUNG
1000Pa WINDLOAD

Conways Est. 1946
Aluminium Profile Stockists

NOTE:

1. SEE THE MULLION LIMITATION CHART
2. OPENING SIZES SHOWN IN RED
3. ACTUAL WINDOW SIZES SHOWN IN BLACK AND BRACKETS.



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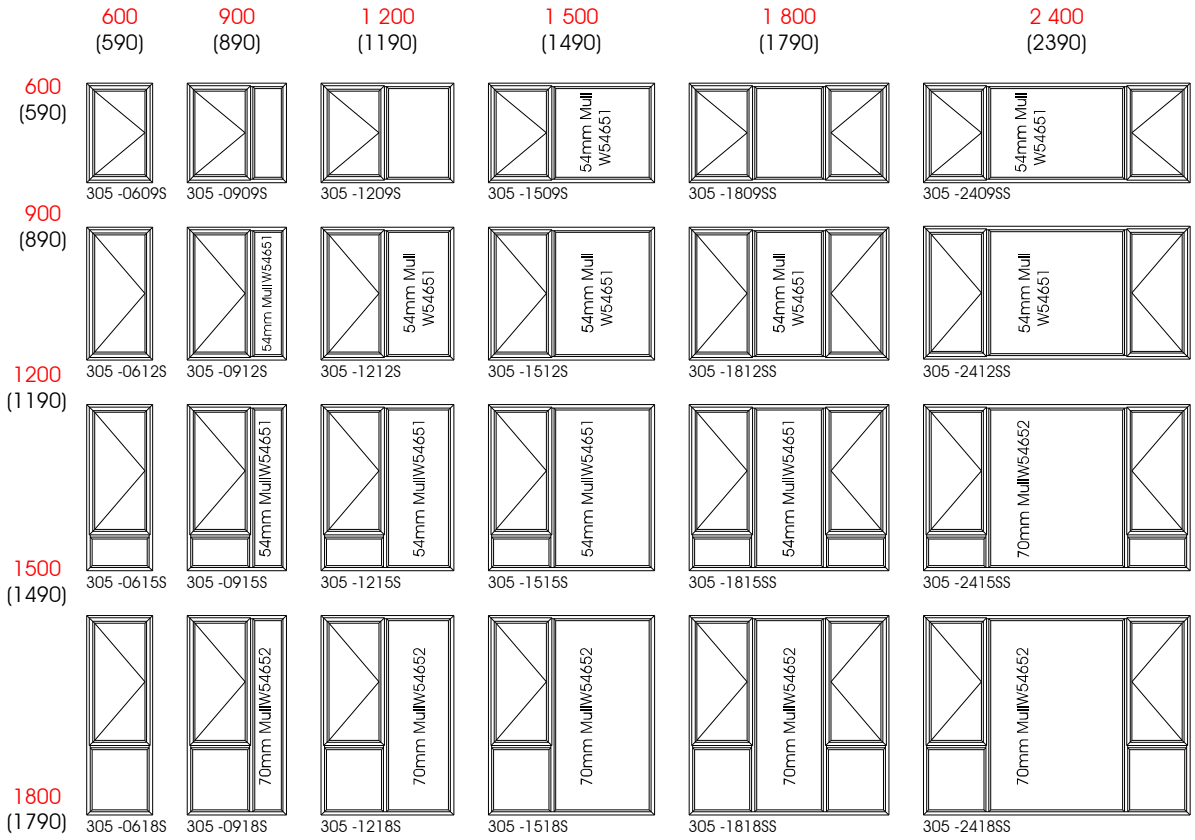
CASEMENT 30.5
WINDOW SYSTEM
STANDARD SIDE HUNG
1500Pa WINDLOAD

NOTE:

1. SEE THE MULLION LIMITATION CHART
2. OPENING SIZES SHOWN IN RED
3. ACTUAL WINDOW SIZES SHOWN IN BLACK AND BRACKETS.



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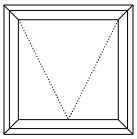
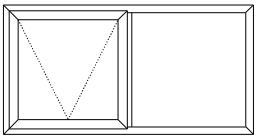
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TOP HUNG WINDOW
TYPICAL CONFIGURATIONS

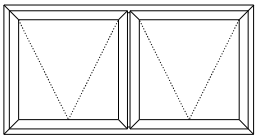
Conways Est. 1946
Aluminium Profile Stockists



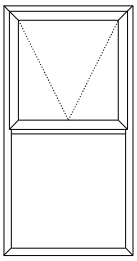
A
SINGLE TOP HUNG



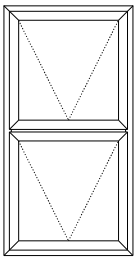
BB
TOP HUNG
NEXT TO FIXED



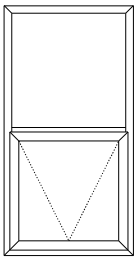
CC
TOP HUNG NEXT
TO TOP HUNG



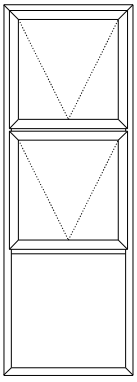
B
TOP HUNG
OVER FIXED



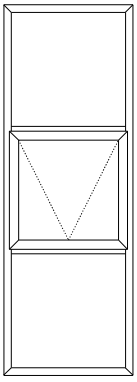
C
TOP HUNG
OVER TOP HUNG



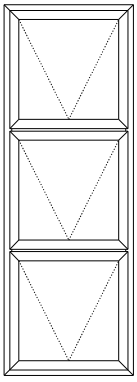
E
FIXED OVER
TOP HUNG



D
DOUBLE TOP HUNG
OVER FIXED



DD
FIXED OVER
TOP HUNG
OVER FIXED



EE
TRIPLE TOP HUNG

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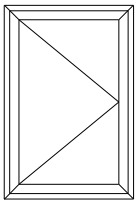
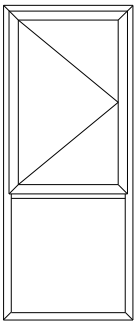
CASEMENT 30.5
WINDOW SYSTEM
STANDARD SIDE HUNG WINDOW
TYPICAL CONFIGURATIONS

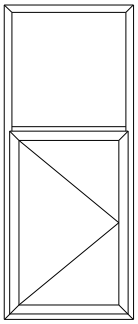
Conways Est. 1946
Aluminium Profile Stockists



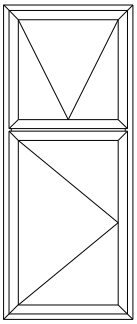
A
SINGLE SIDE HUNG



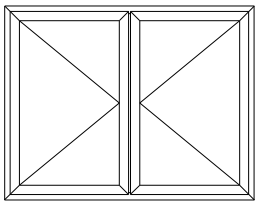
B
SIDE HUNG
OVER FIXED



C
FIXED OVER
SIDE HUNG



D
TOP HUNG
OVER SIDE HUNG



CC
SIDE HUNG NEXT
TO SIDE HUNG

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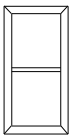
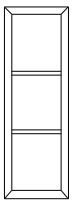
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE WINDOW
FIXED PANEL TYPICAL CONFIGURATIONS

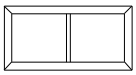
Conways Est. 1946
Aluminium Profile Stockists



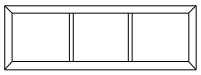
A
1 x 2 FIXED PANEL



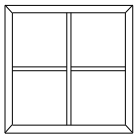
B
1 x 3 FIXED PANEL



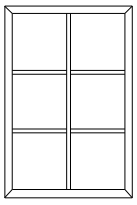
C
2 x 1 FIXED PANEL



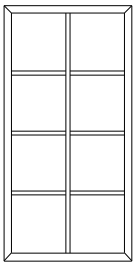
D
3 x 1 FIXED PANEL



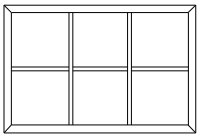
E
2 x 2 FIXED PANEL



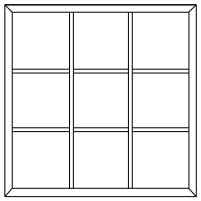
F
2 x 3 FIXED PANEL



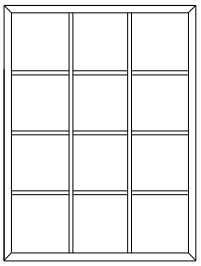
G
2 x 4 FIXED PANEL



H
3 x 2 FIXED PANEL



I
3 x 3 FIXED PANEL



J
3 x 4 FIXED PANEL

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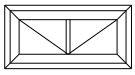
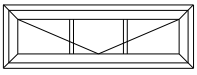
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE WINDOW
TOP HUNG & SIDE HUNG
TYPICAL CONFIGURATIONS

Conways Est. 1946
Aluminium Profile Stockists

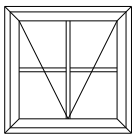
TOP HUNG



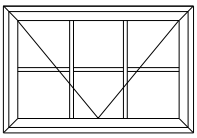
P
2 x 1 PANE
SINGLE TOP HUNG



R
3 x 1 PANE
SINGLE TOP HUNG

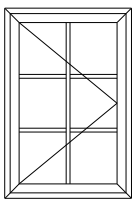


Q
2 x 2 PANE
SINGLE TOP HUNG

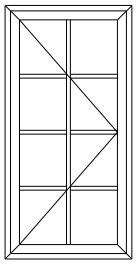


S
3 x 2 PANE
SINGLE TOP HUNG

SIDE HUNG



P
2 x 3 PANE
SINGLE SIDE HUNG



Q
2 x 4 PANE
SINGLE SIDE HUNG

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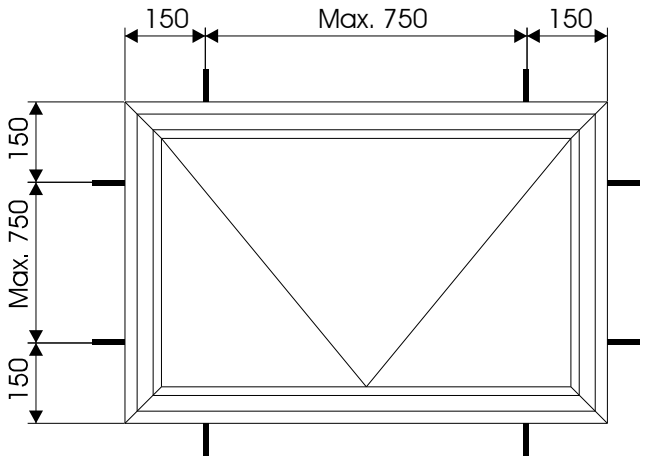
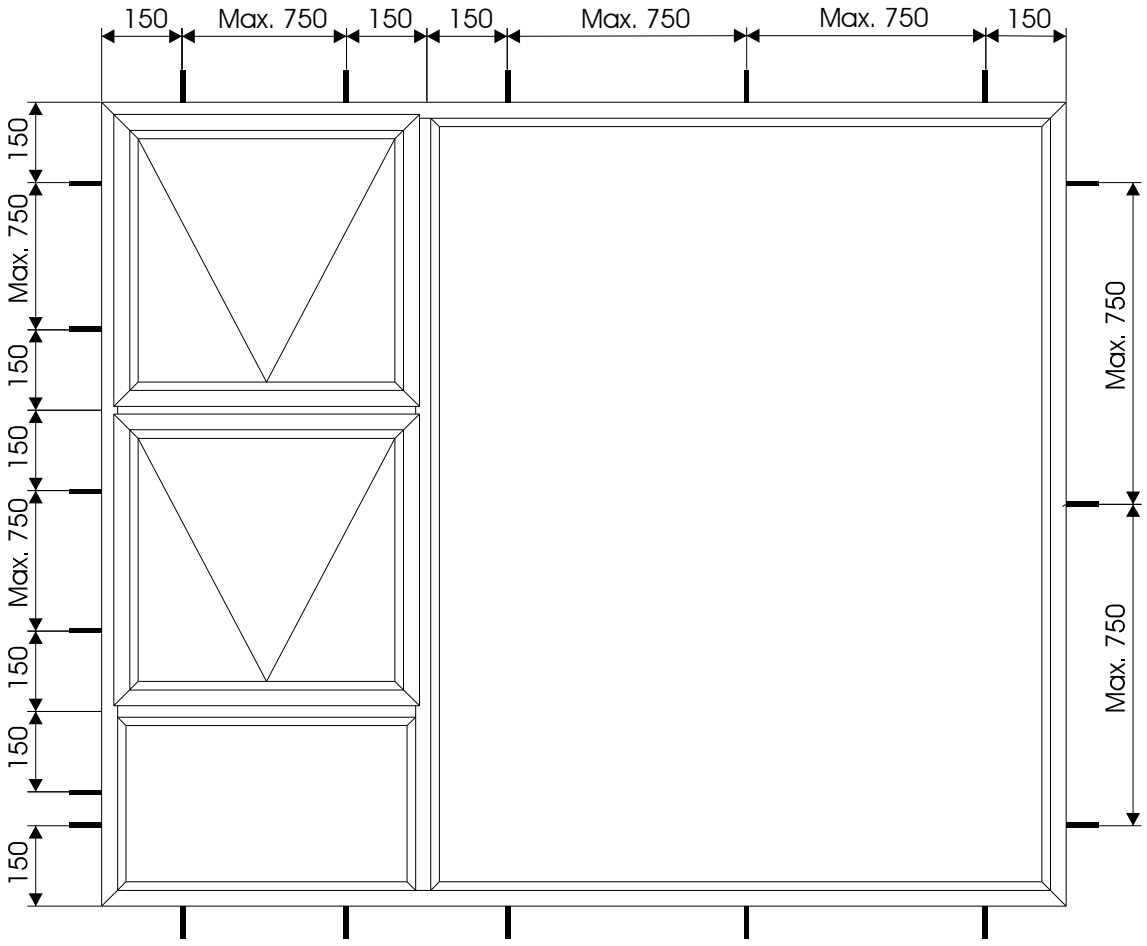
CASEMENT 30.5
WINDOW SYSTEM
FIXING DETAILS

Conways Est. 1946
Aluminium Profile Stockists





General:
The window is fixed into position - the sill is then built at a later stage - the bottom lugs can be left in place but it is often found that most times the mason either bends them out of his way or breaks them off. This practically means that most windows are only secured on 3 sides.

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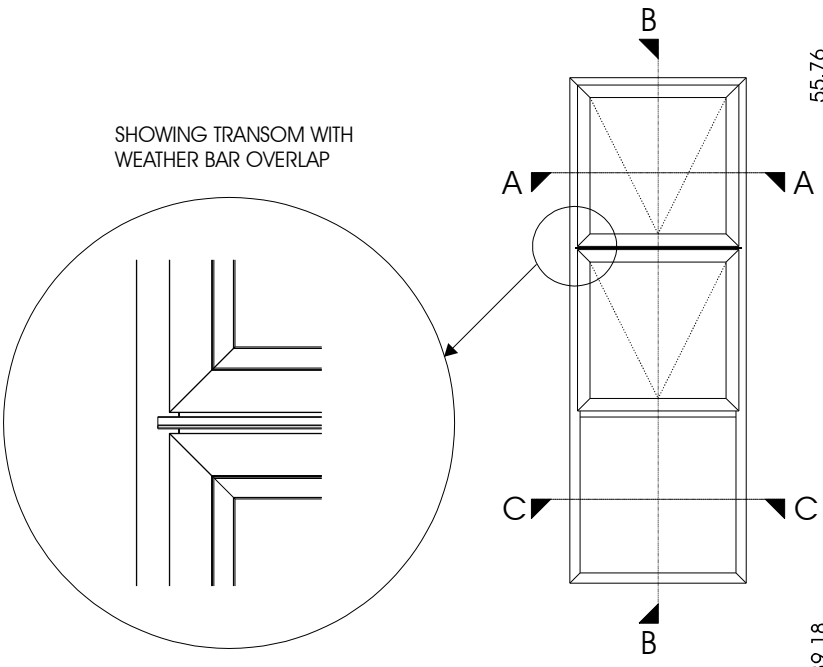
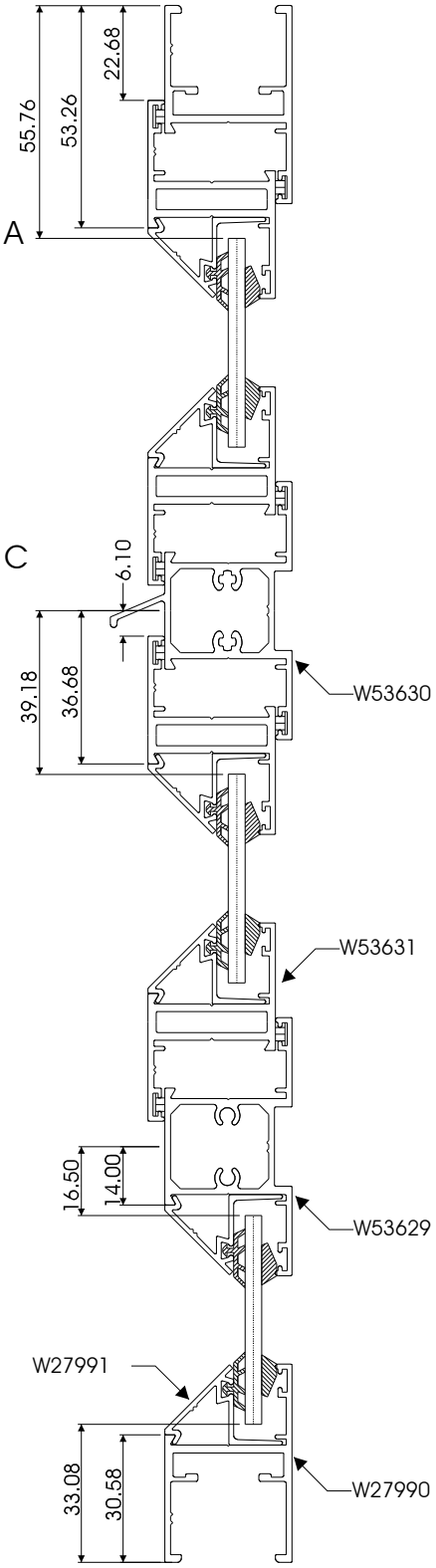
CASEMENT 30.5
WINDOW SYSTEM
TYPICAL CROSS SECTIONAL DETAIL
DOUBLE TOP HUNG OVER FIXED

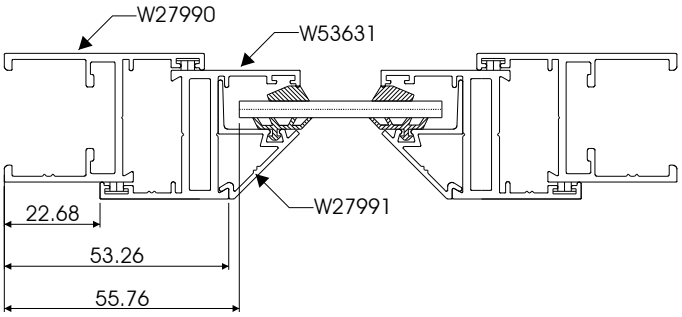
Conways Est. 1946
Aluminium Profile Stockists



SECTION B - B



SECTION A - A



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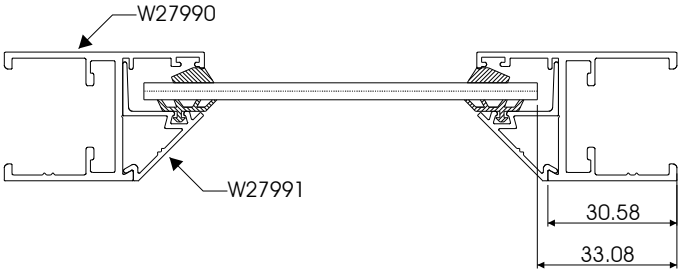

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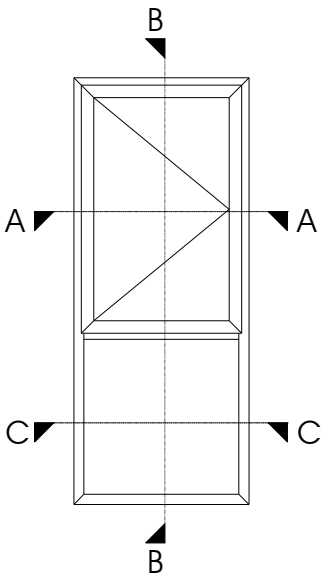
CASEMENT 30.5
WINDOW SYSTEM
TYPICAL CROSS SECTIONAL DETAIL
SIDE HUNG OVER FIXED

Conways Est. 1946
Aluminium Profile Stockists



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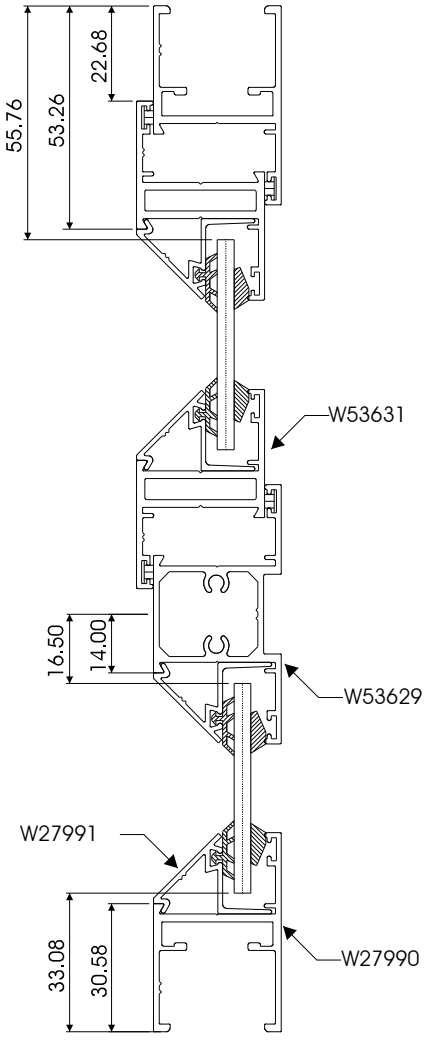

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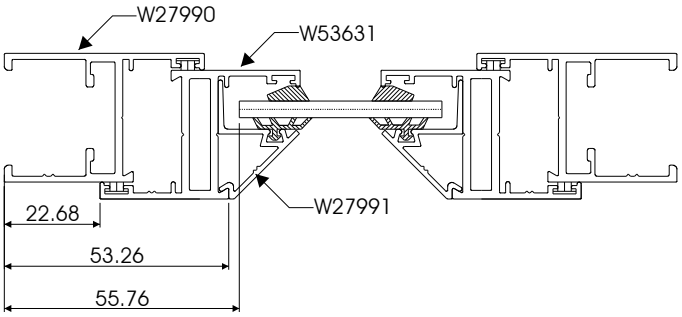

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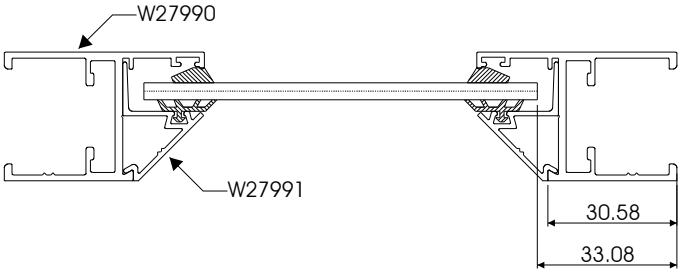

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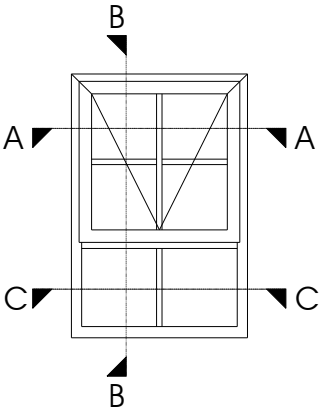
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE TYPICAL
CROSS SECTIONAL DETAIL
2 x 2 TOP HUNG OVER
2 x 1 FIXED PANEL

Conways Est. 1946
Aluminium Profile Stockists



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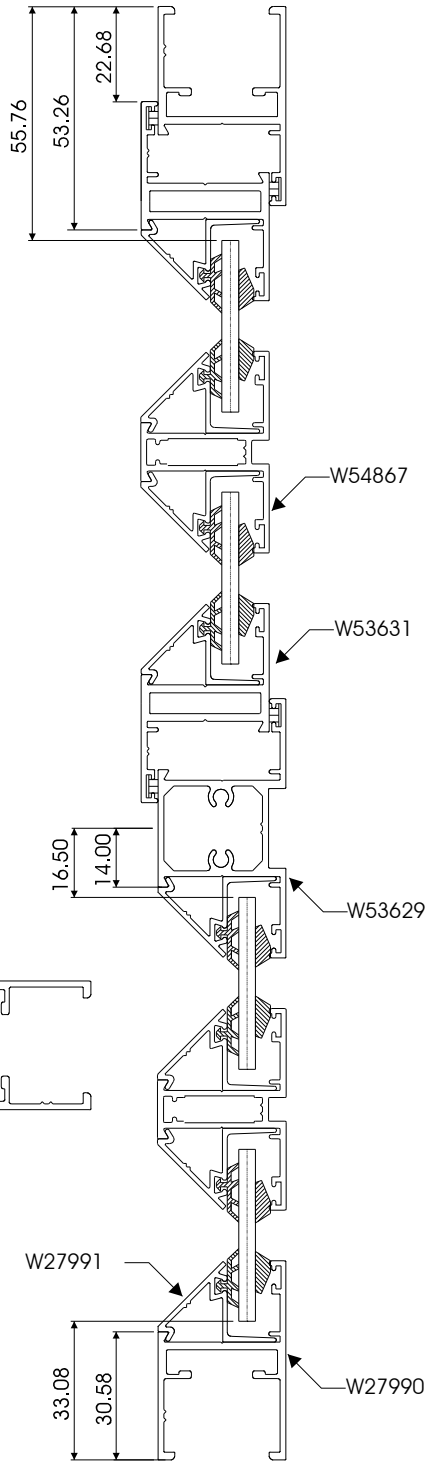

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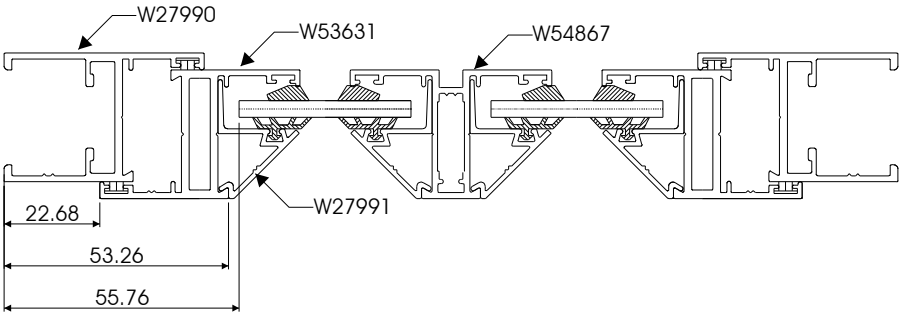

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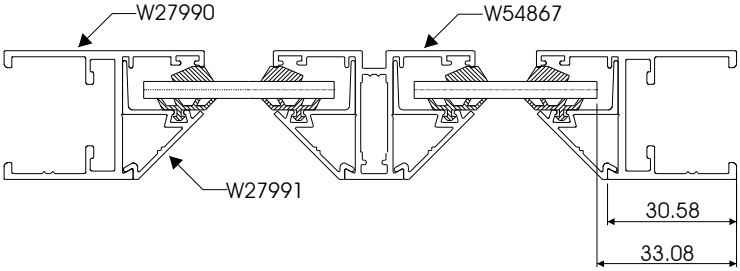

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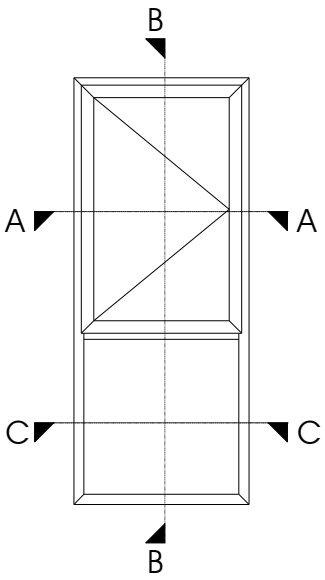
CASEMENT 30.5
WINDOW SYSTEM
LITE TYPICAL CROSS SECTIONAL DETAIL
SIDE HUNG OVER FIXED

Conways Est. 1946
Aluminium Profile Stockists



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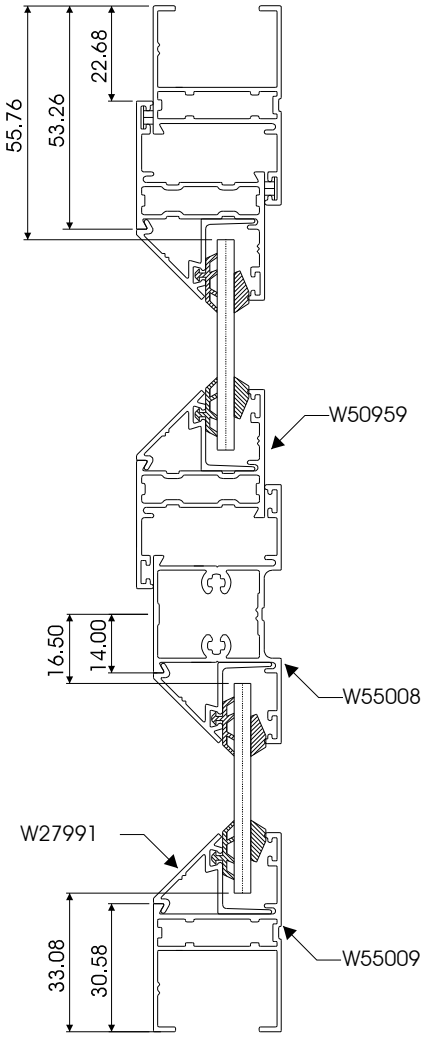

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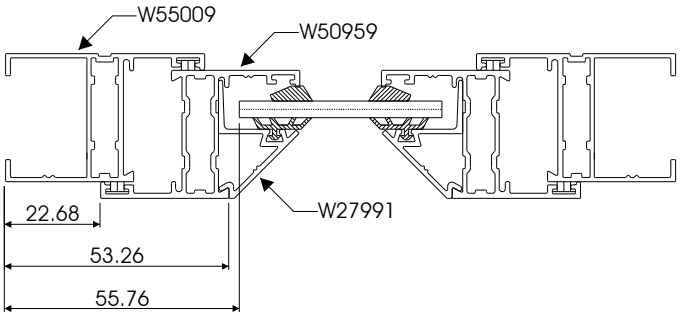

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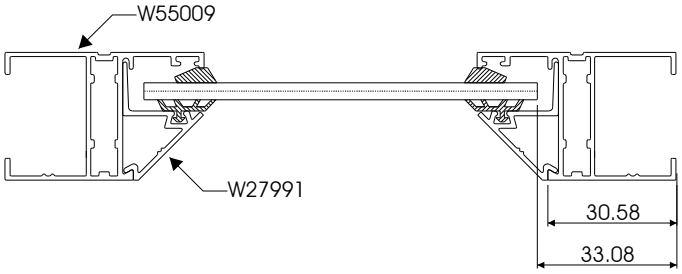

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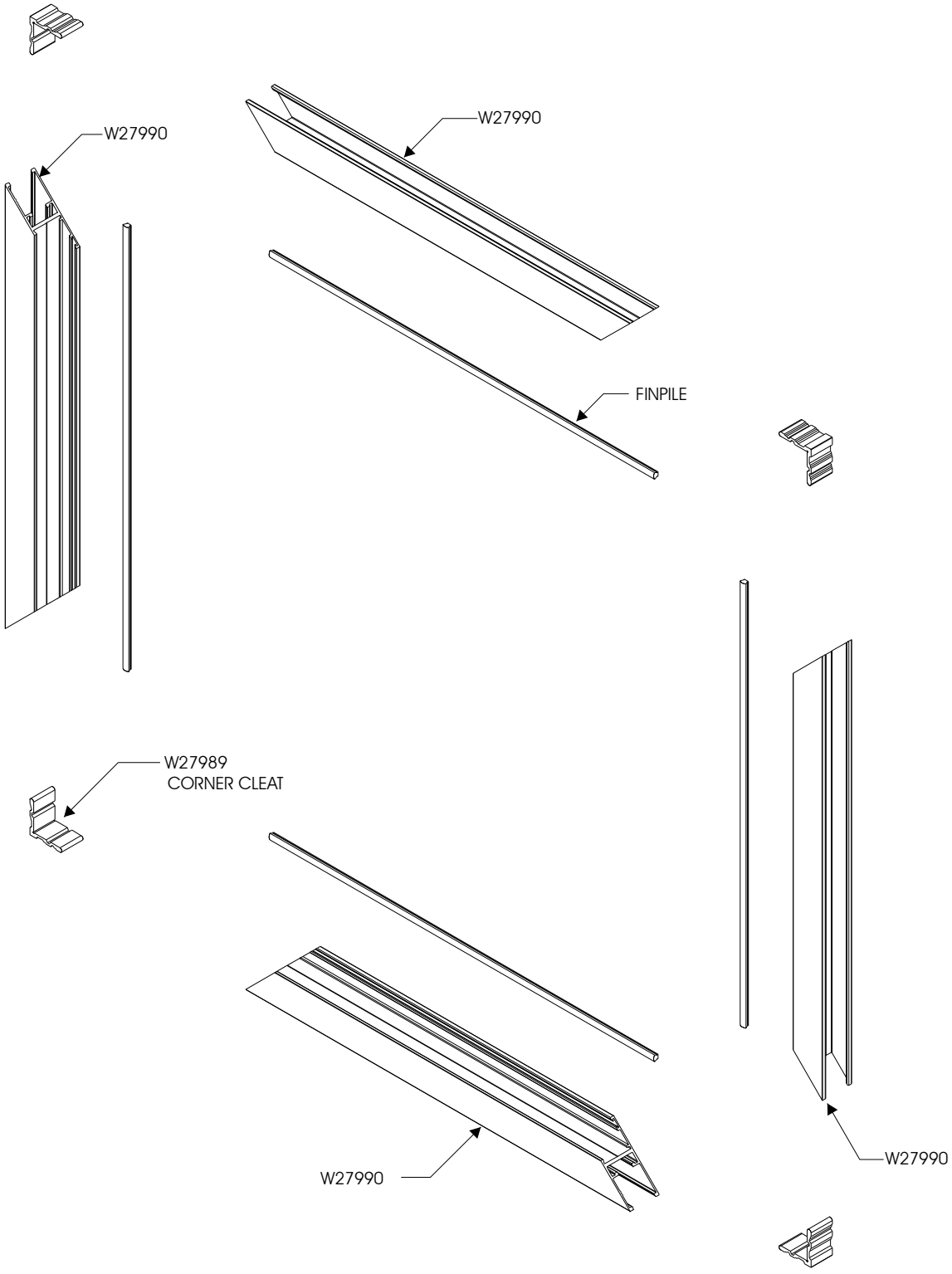
CASEMENT 30.5
WINDOW SYSTEM
OUTER FRAME COMPONENT
ASSEMBLY DETAIL



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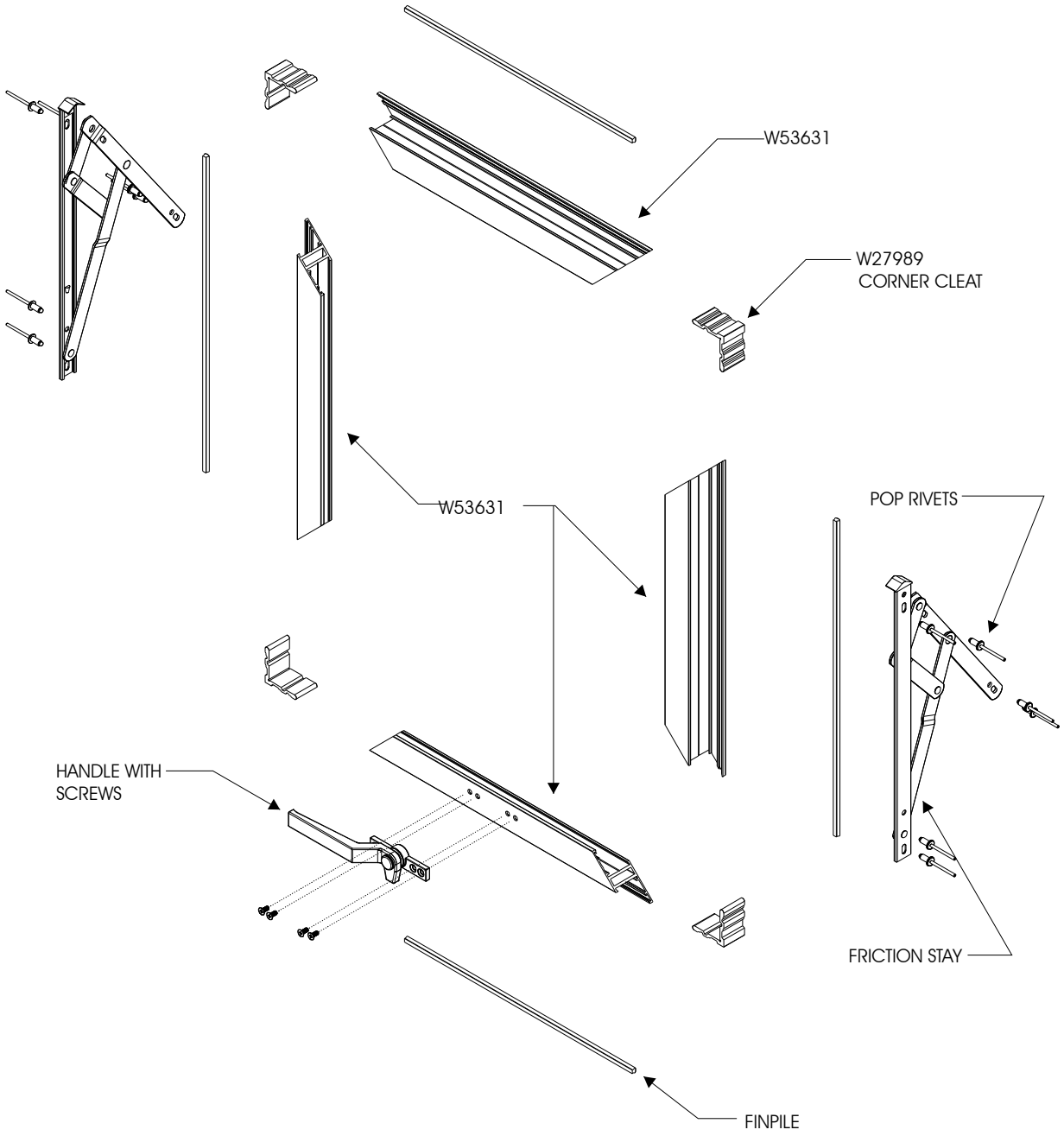
CASEMENT 30.5
WINDOW SYSTEM
SASH FRAME COMPONENT
ASSEMBLY DETAIL



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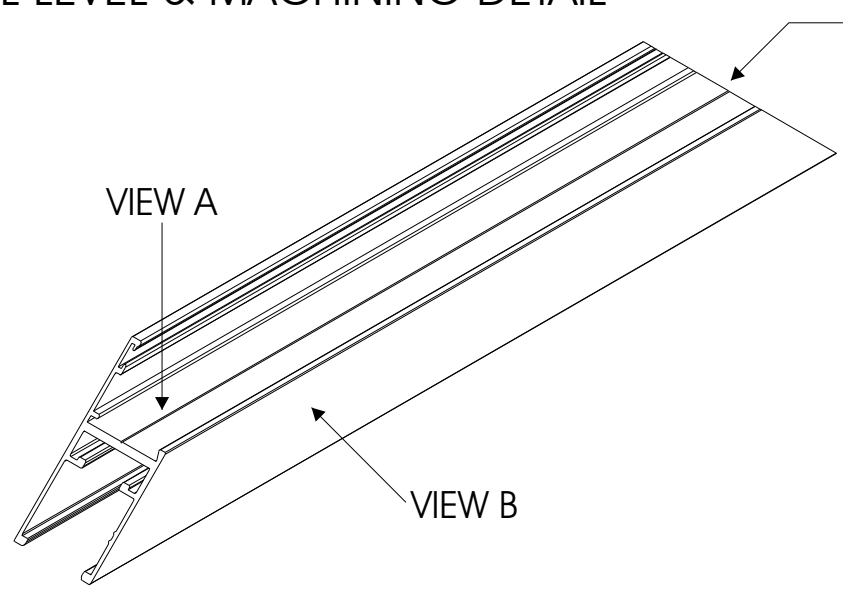
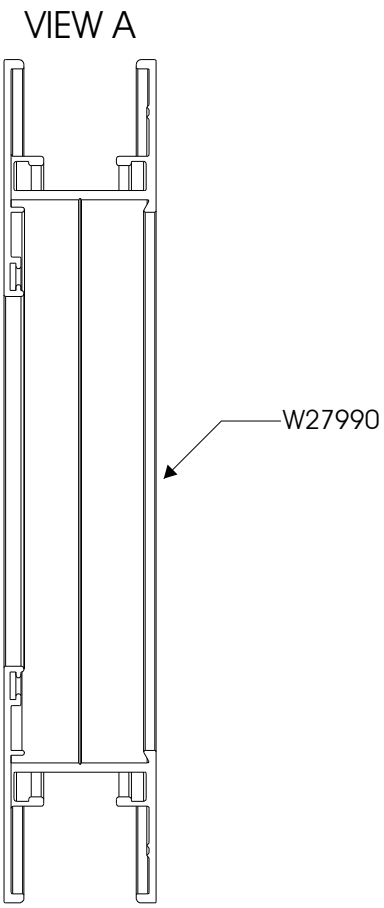
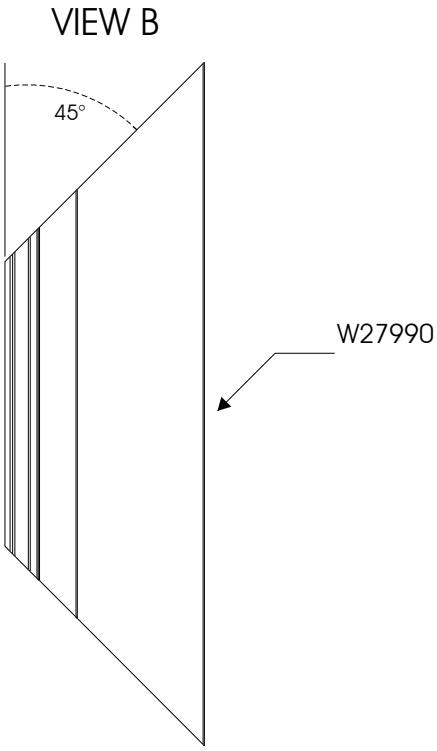
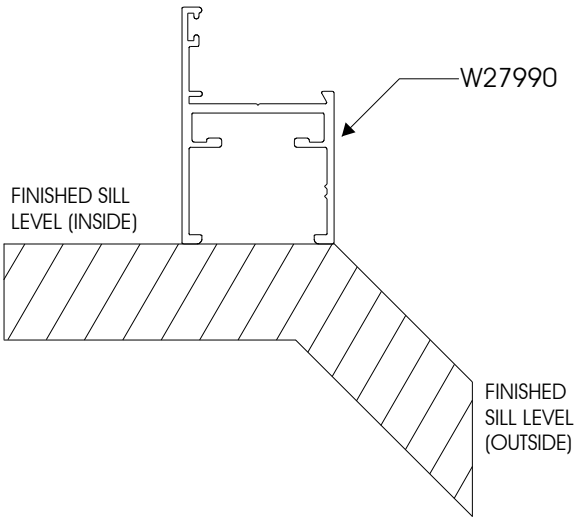
CASEMENT 30.5
WINDOW SYSTEM
EQUAL LEG OUTER FRAME
SILL LEVEL & MACHINING DETAIL

Conways Est. 1946
Aluminium Profile Stockists









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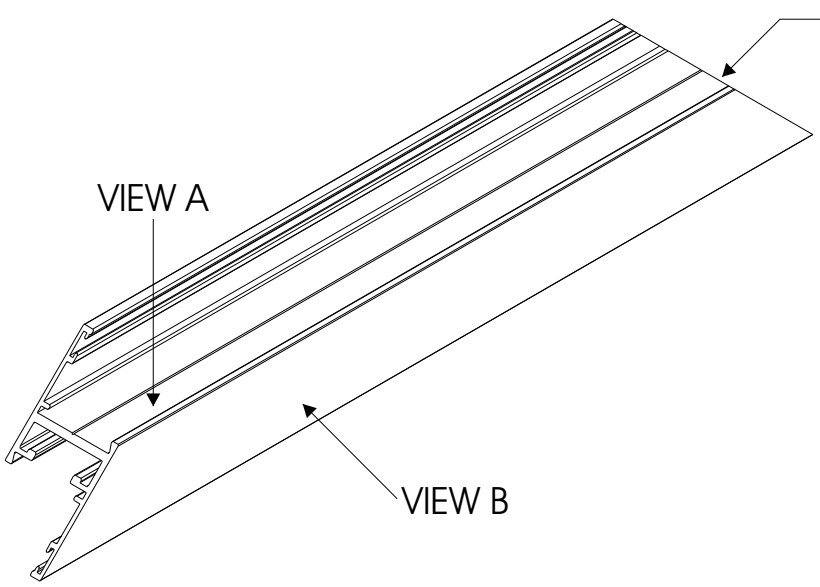
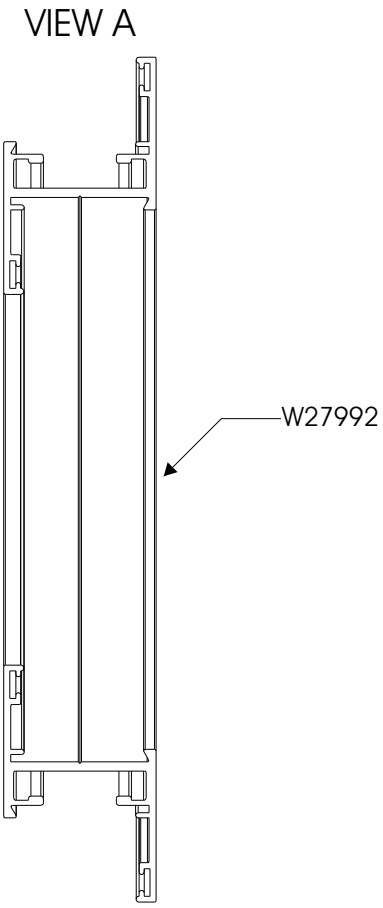
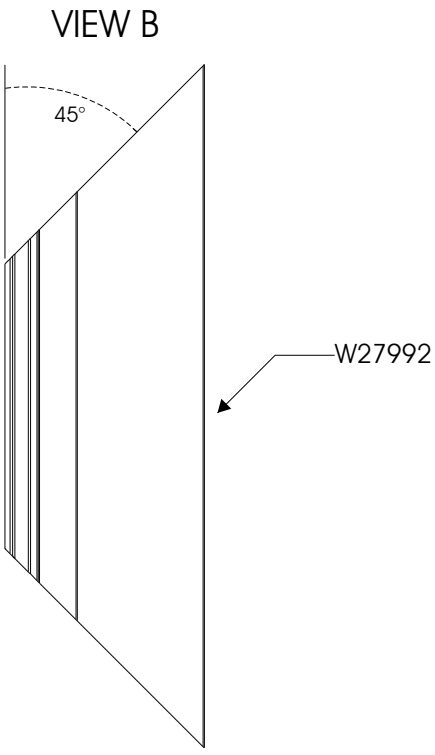
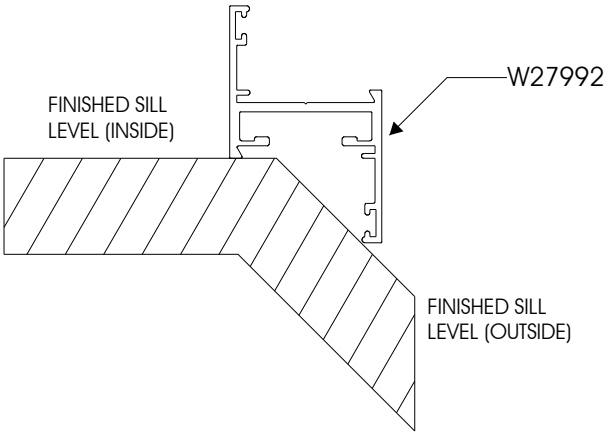
CASEMENT 30.5
WINDOW SYSTEM
UNEQUAL LEG OUTER FRAME
SILL LEVEL & MACHINING DETAIL









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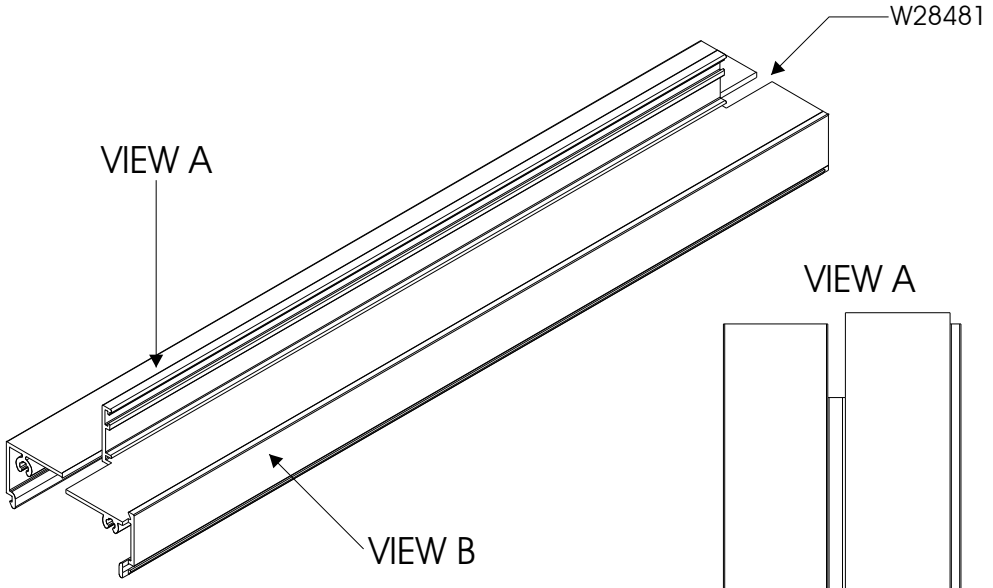
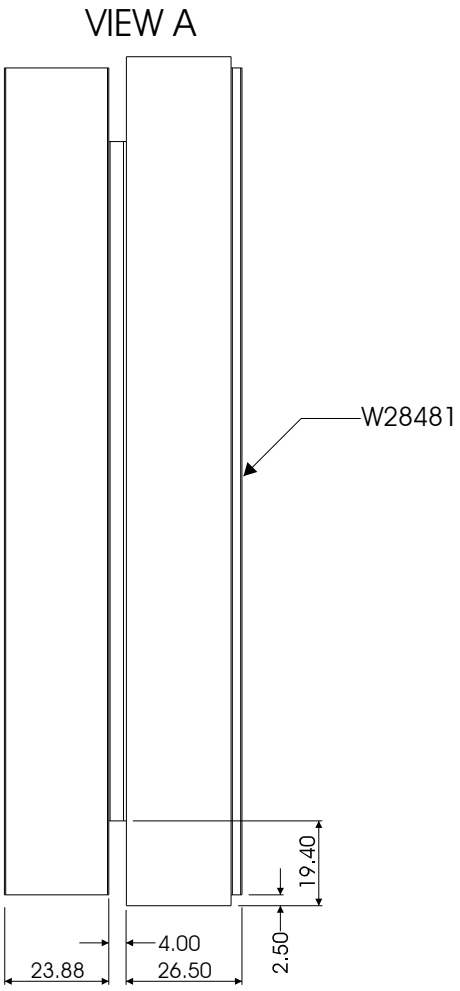
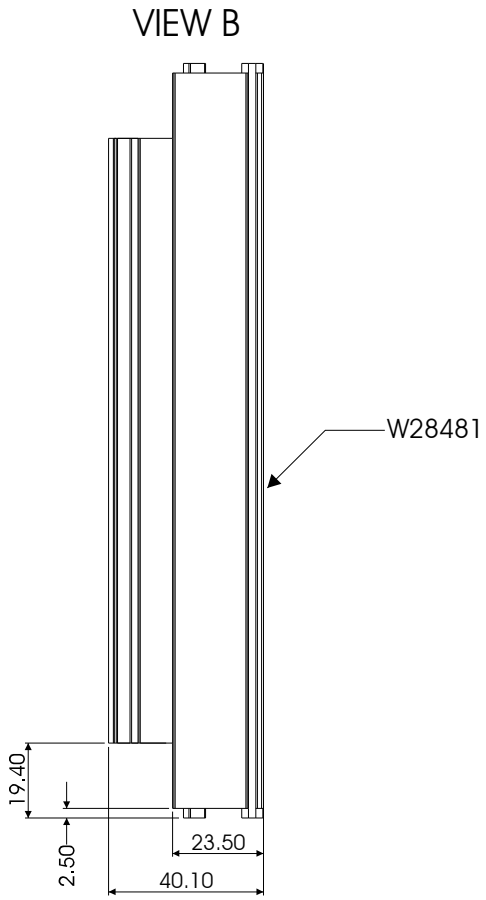
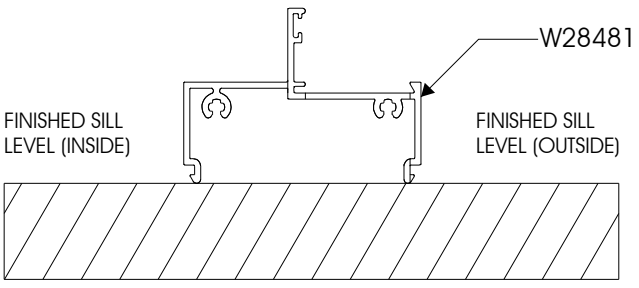
CASEMENT 30.5
WINDOW SYSTEM
54mm OUTER FRAME
SILL LEVEL & MACHINING DETAIL









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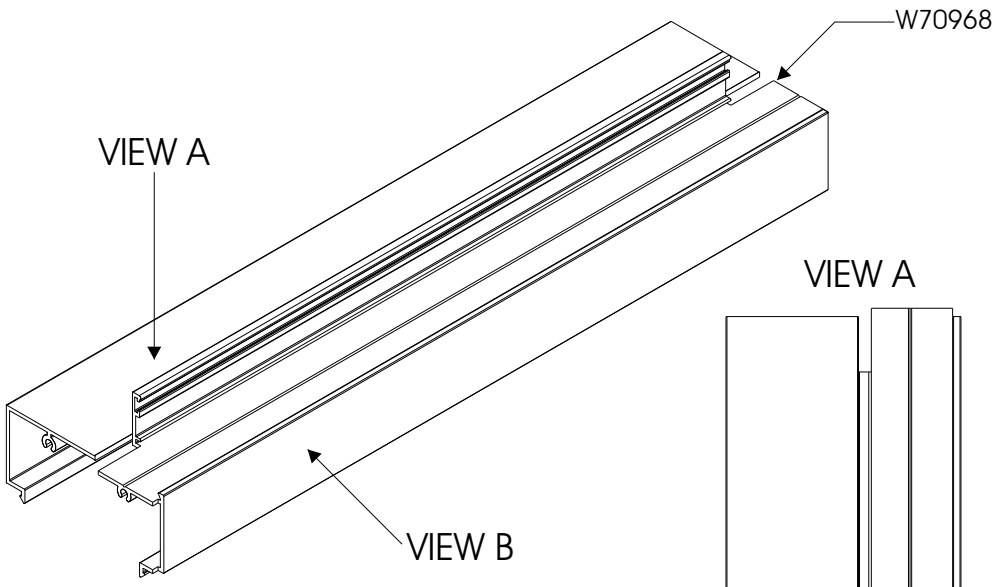
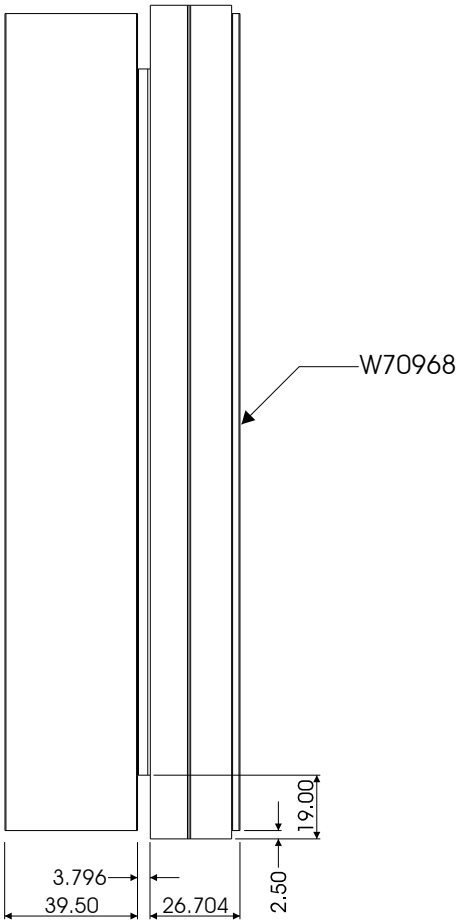
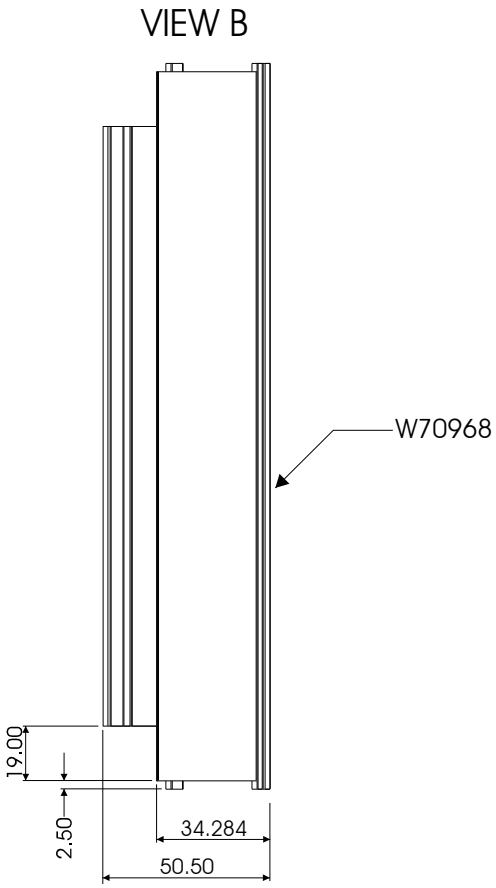
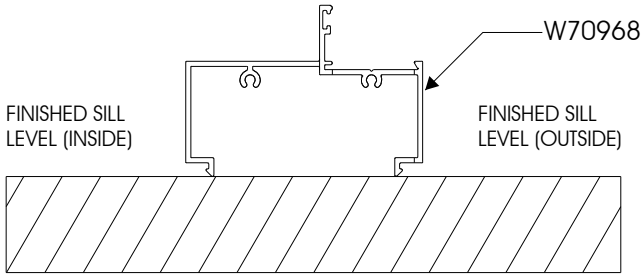
CASEMENT 30.5
WINDOW SYSTEM
70mm OUTER FRAME
SILL LEVEL & MACHINING DETAIL









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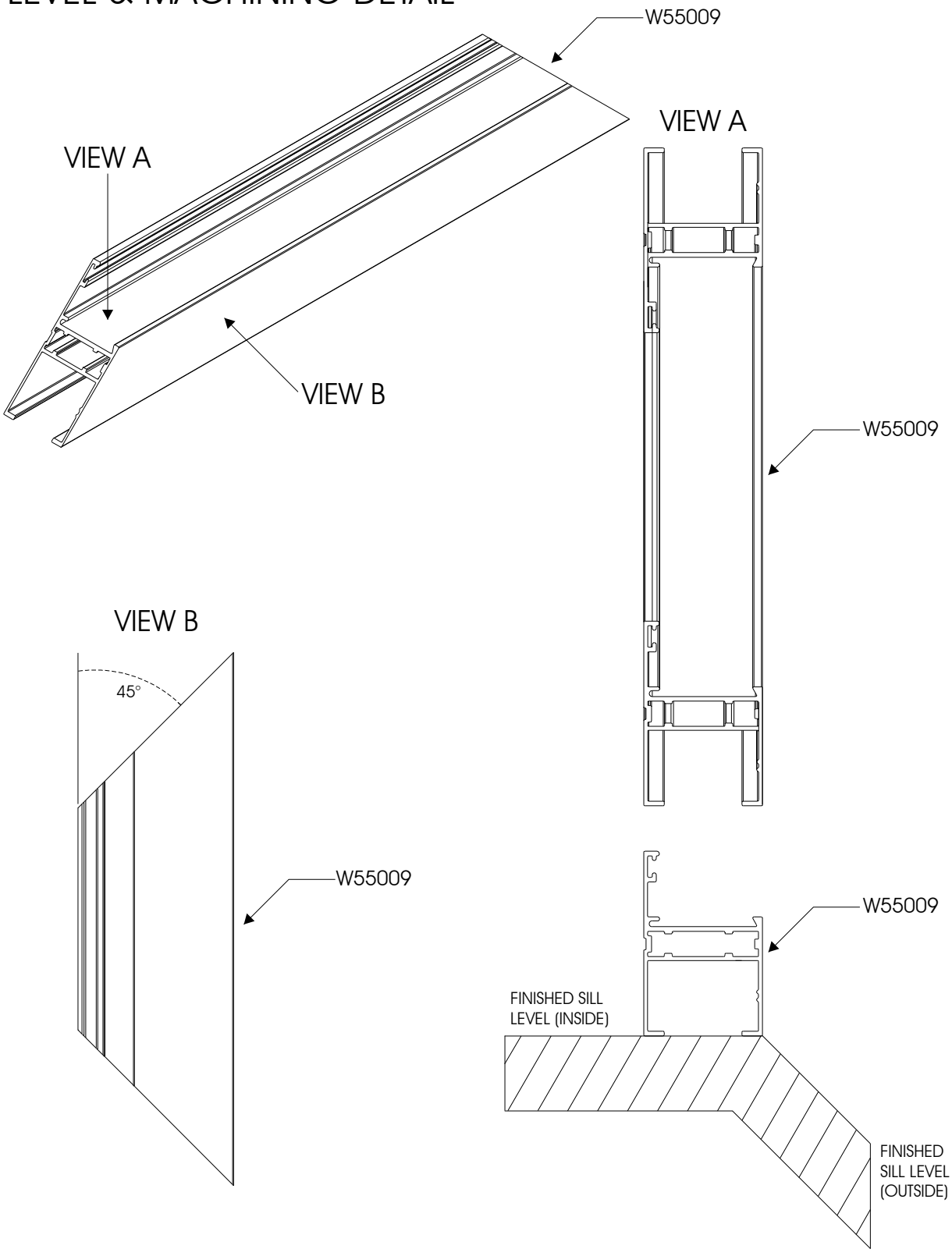
CASEMENT 30.5
WINDOW SYSTEM
LITE EQUAL LEG OUTER FRAME
SILL LEVEL & MACHINING DETAIL



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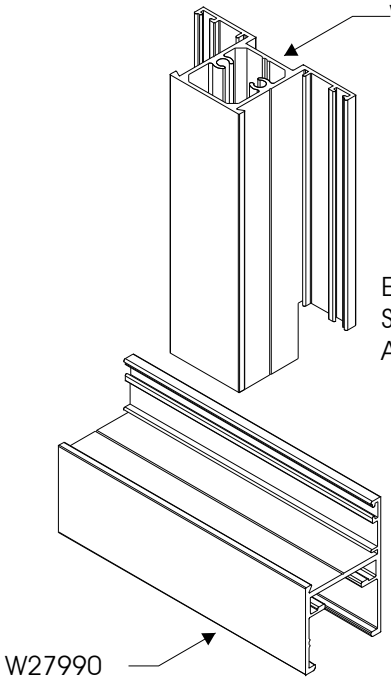
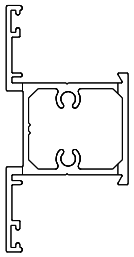
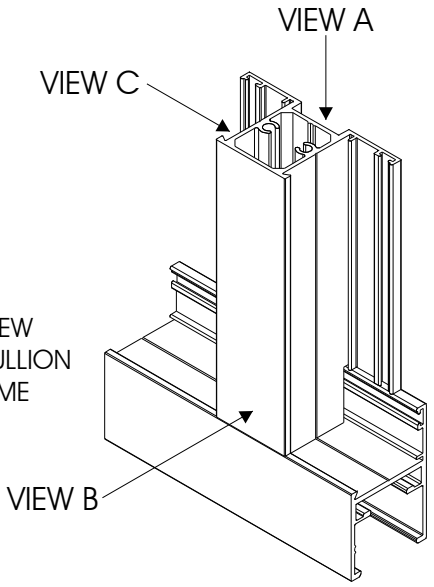
CASEMENT 30.5
WINDOW SYSTEM
STANDARD MULLION MACHINING
DETAIL FOR END MILLING
ON EQUAL LEG OUTER FRAME



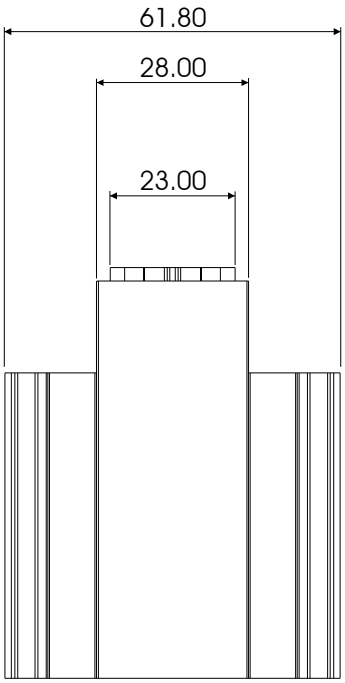
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



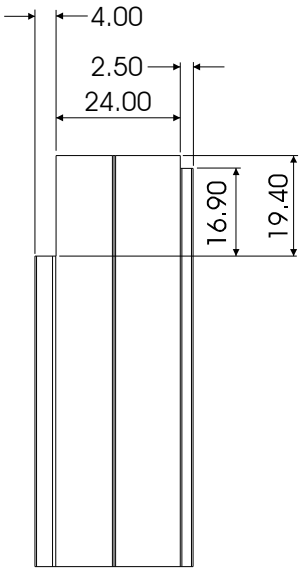
VIEW A
STANDARD MULLION
W53629



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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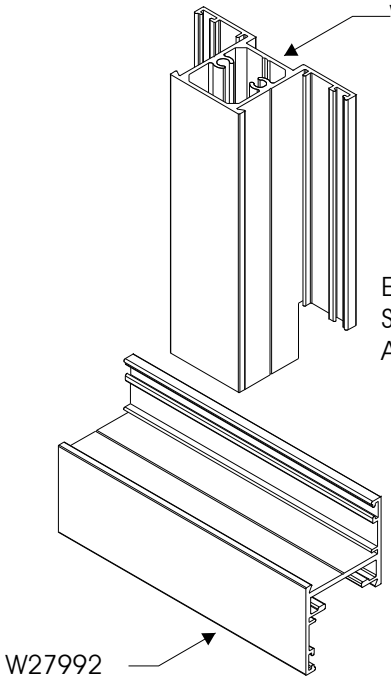
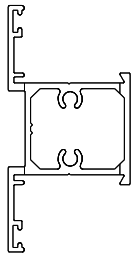
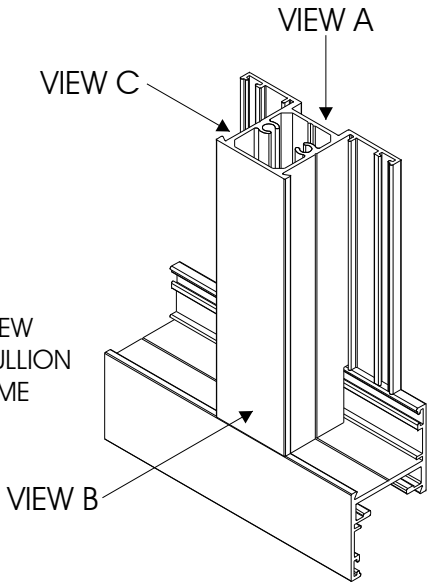
CASEMENT 30.5
WINDOW SYSTEM
STANDARD MULLION MACHINING DETAIL FOR END MILLING ON UNEQUAL LEG OUTER FRAME



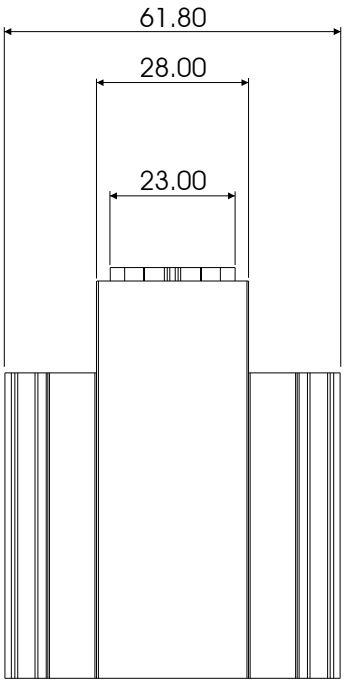
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



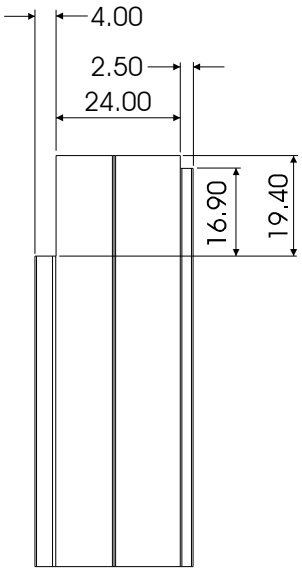
VIEW A
STANDARD MULLION
W53629



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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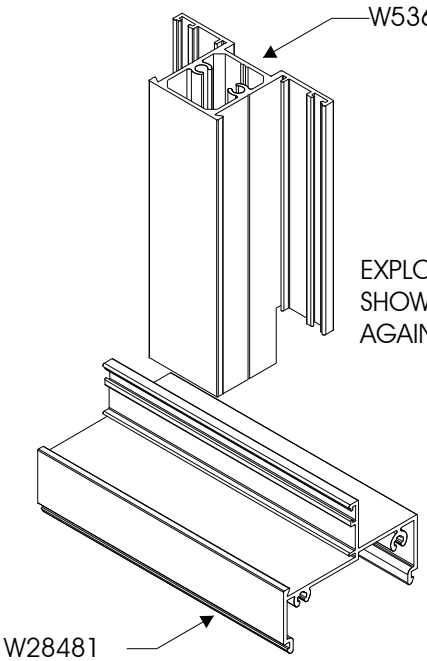
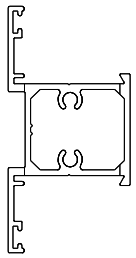
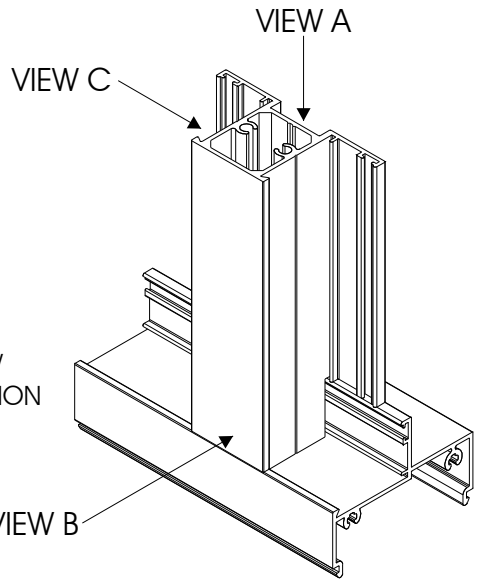
CASEMENT 30.5
WINDOW SYSTEM
STANDARD MULLION MACHINING DETAIL FOR END MILLING ON 54mm OUTER FRAME



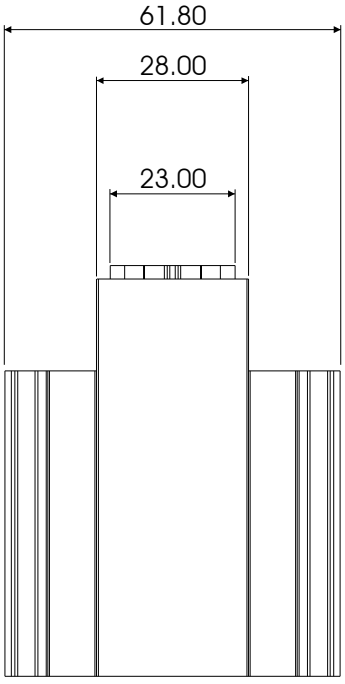
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



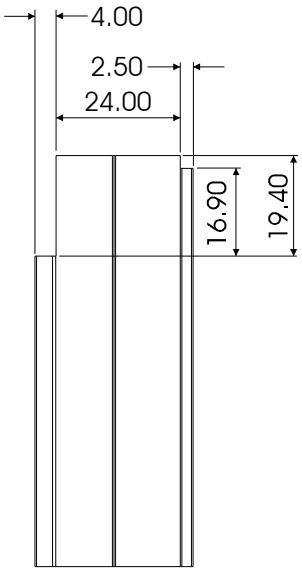
VIEW A
STANDARD MULLION
W53629



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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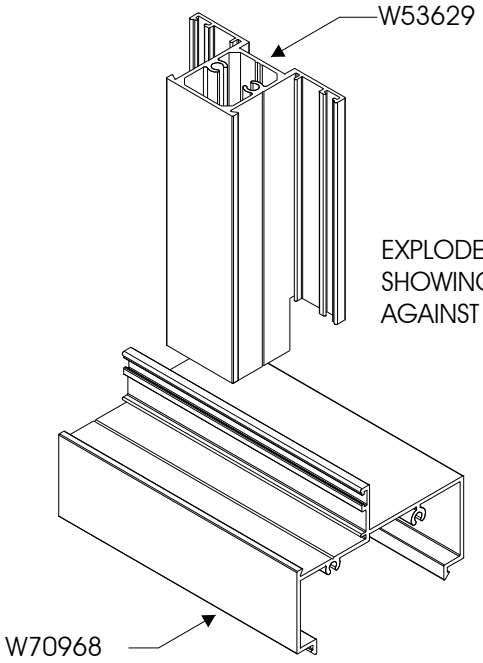
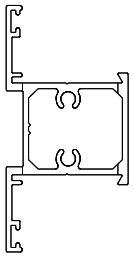
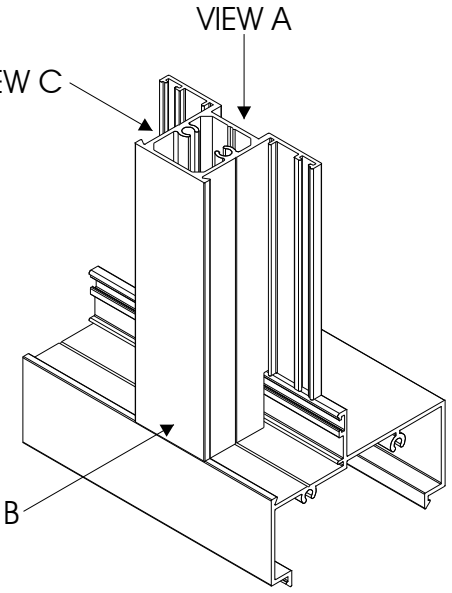
CASEMENT 30.5
WINDOW SYSTEM
STANDARD MULLION MACHINING
DETAIL FOR END MILLING
ON 70mm OUTER FRAME



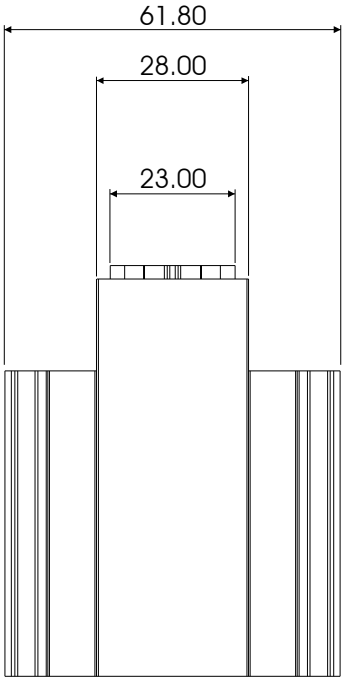
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



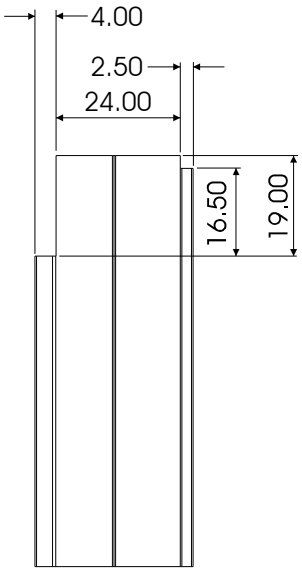
VIEW A
STANDARD MULLION
W53629



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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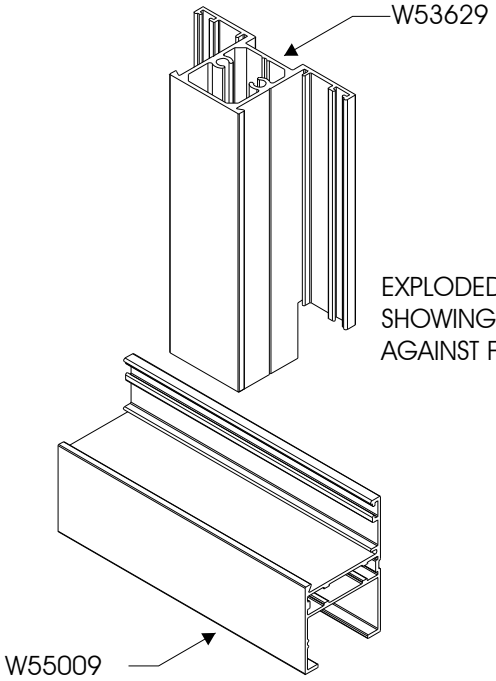
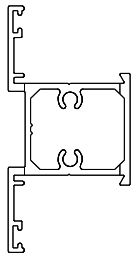
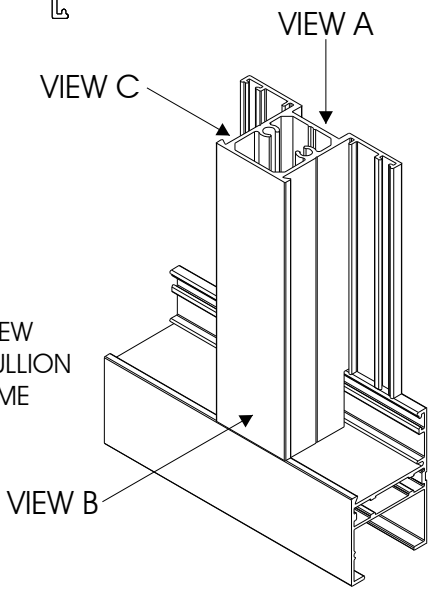
CASEMENT 30.5
WINDOW SYSTEM
STANDARD MULLION MACHINING
DETAIL FOR END MILLING
ON LITE EQUAL LEG OUTER FRAME



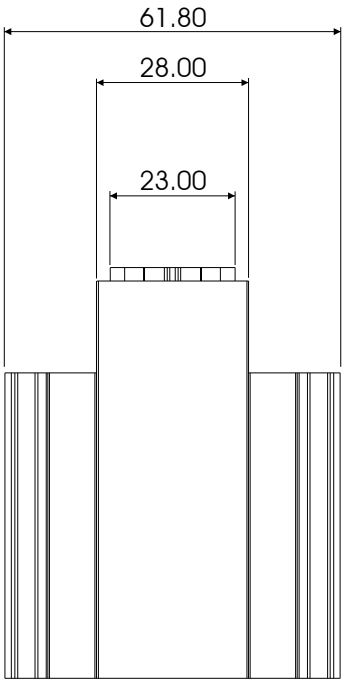
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



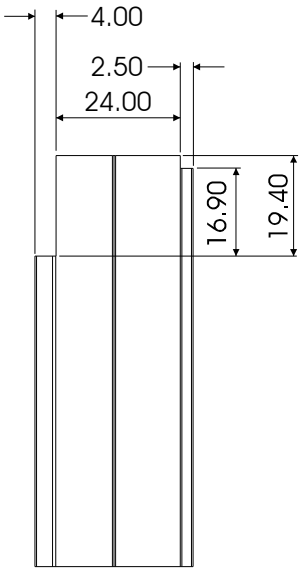
VIEW A
STANDARD MULLION
W53629



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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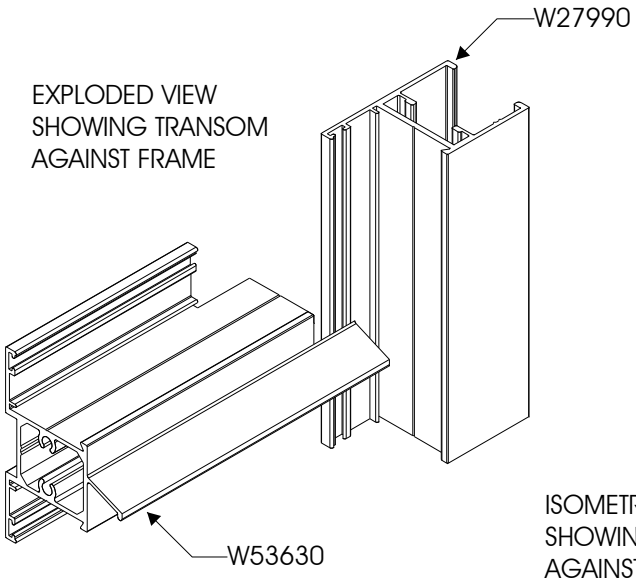
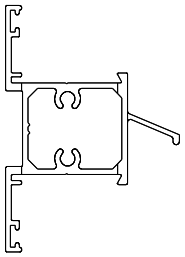
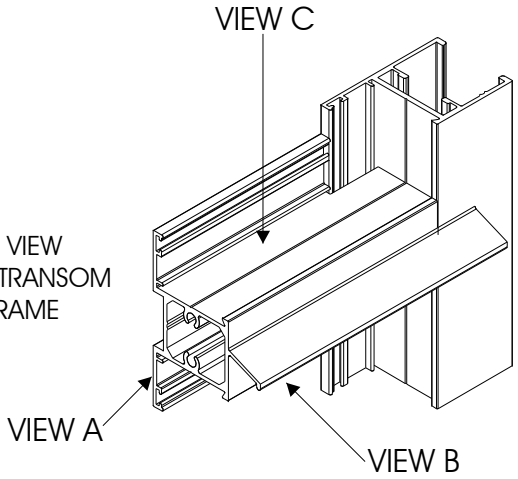
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TRANSOM WITH W/B
MACHINING DETAIL FOR END MILLING
ON EQUAL LEG OUTER FRAME



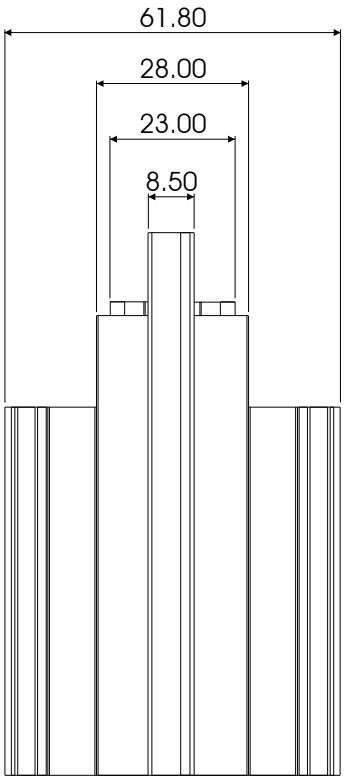
EXPLODED VIEW
SHOWING TRANSOM
AGAINST FRAME



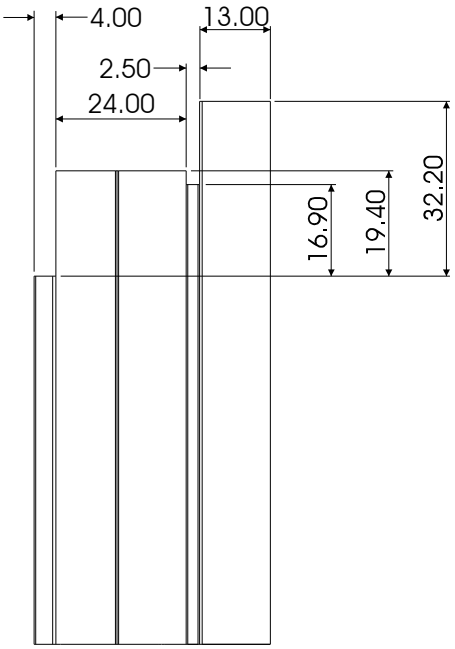
VIEW A
STANDARD TRANSOM
WITH W/B
W53630



ISOMETRIC VIEW
SHOWING TRANSOM
AGAINST FRAME



VIEW B



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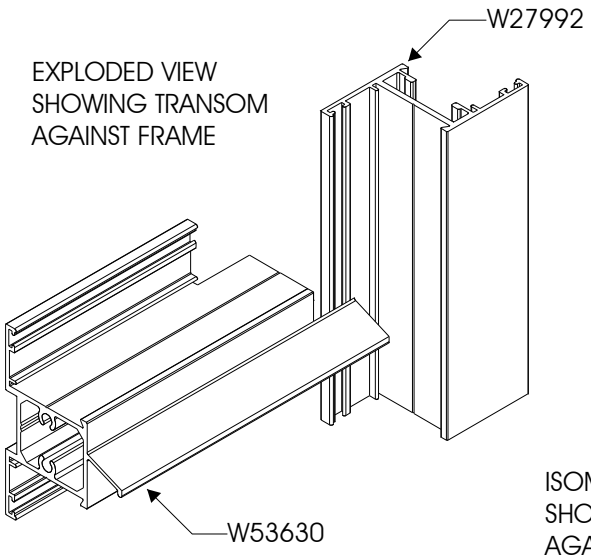
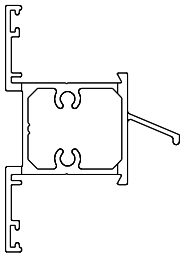
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TRANSOM WITH W/B
MACHINING DETAIL FOR END MILLING
ON UNEQUAL LEG OUTER FRAME

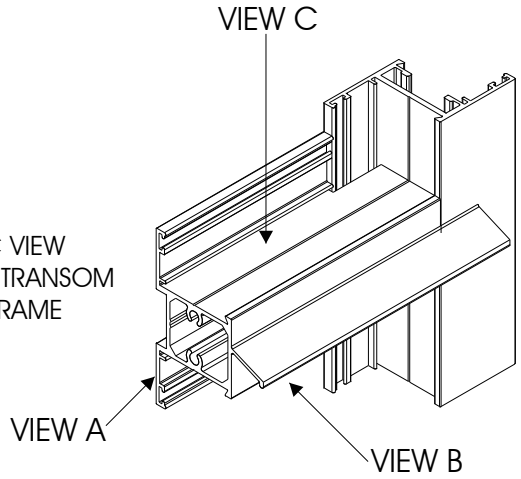
Conways Est. 1946
Aluminium Profile Stockists



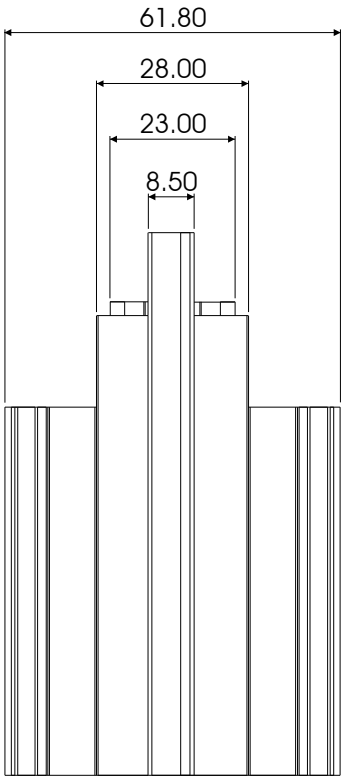
EXPLODED VIEW
SHOWING TRANSOM
AGAINST FRAME



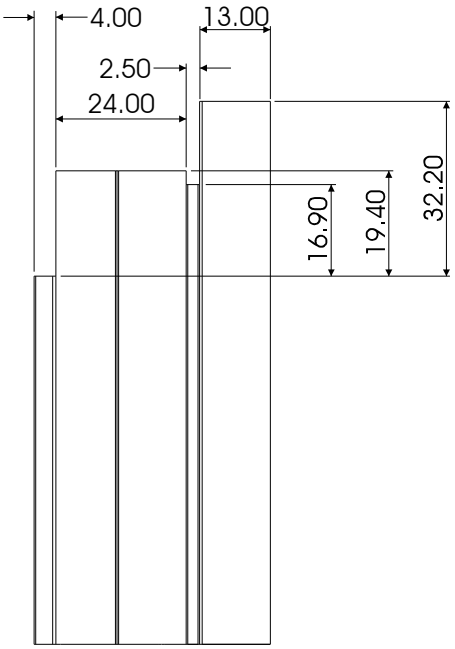
VIEW A
STANDARD TRANSOM
WITH W/B
W53630



ISOMETRIC VIEW
SHOWING TRANSOM
AGAINST FRAME



VIEW B



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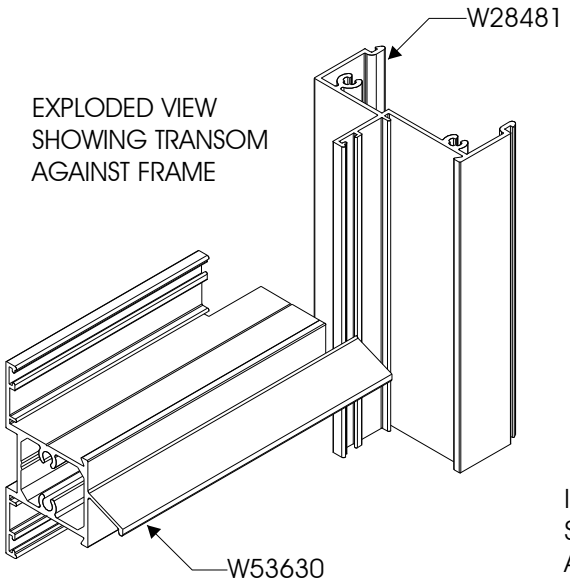
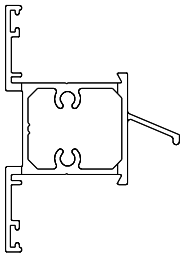
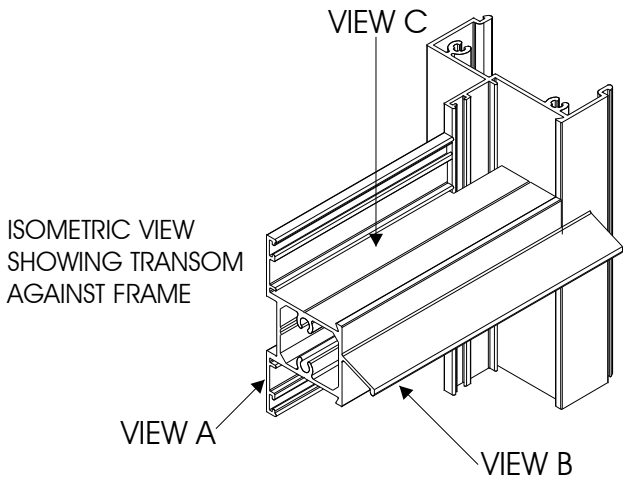
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TRANSOM WITH W/B
MACHINING DETAIL FOR END MILLING
ON 54mm OUTER FRAME



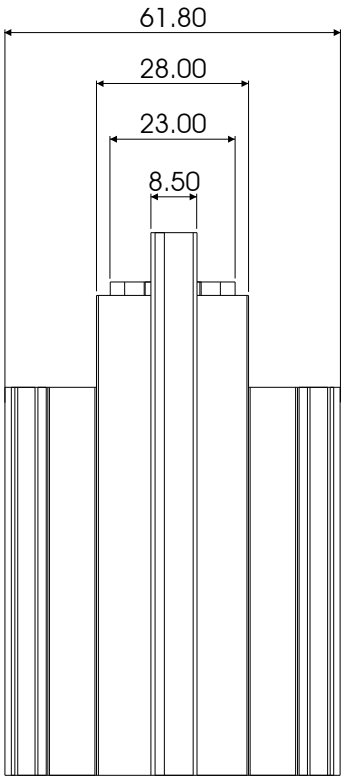
EXPLODED VIEW
SHOWING TRANSOM
AGAINST FRAME



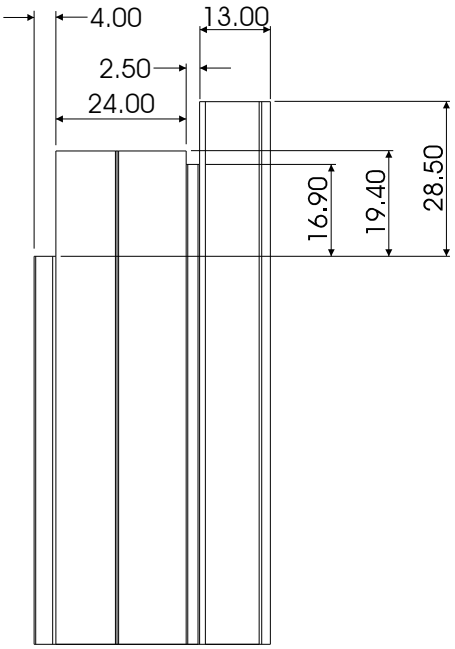
VIEW A
STANDARD TRANSOM
WITH W/B
W53630



ISOMETRIC VIEW
SHOWING TRANSOM
AGAINST FRAME



VIEW B



VIEW C

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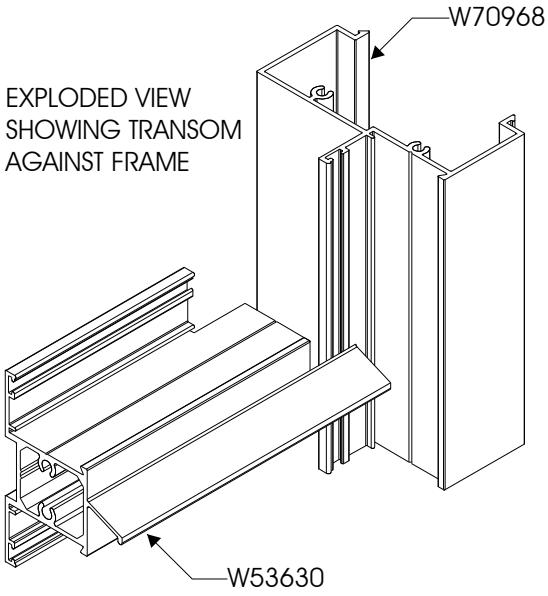
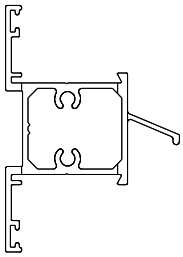
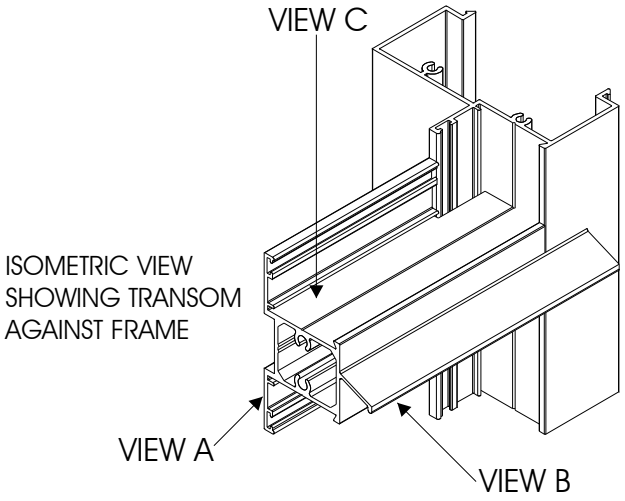
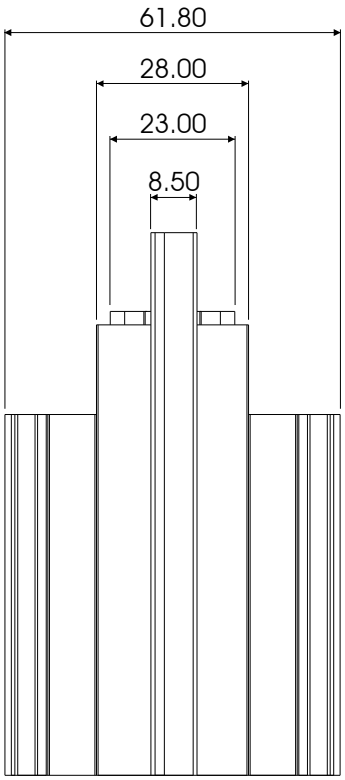
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TRANSOM WITH W/B
MACHINING DETAIL FOR END MILLING
ON 70mm OUTER FRAME

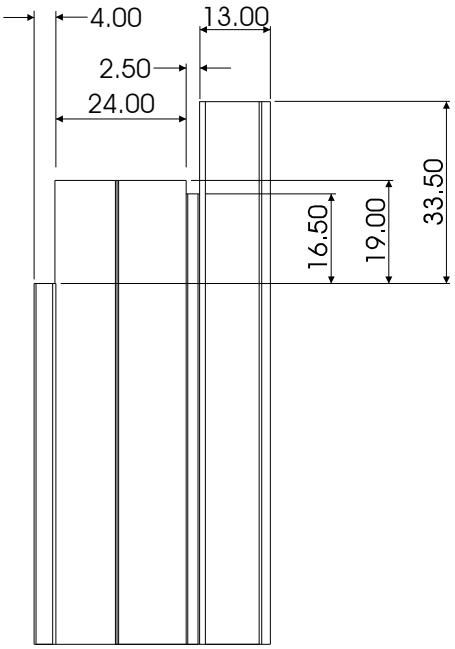








VIEW B



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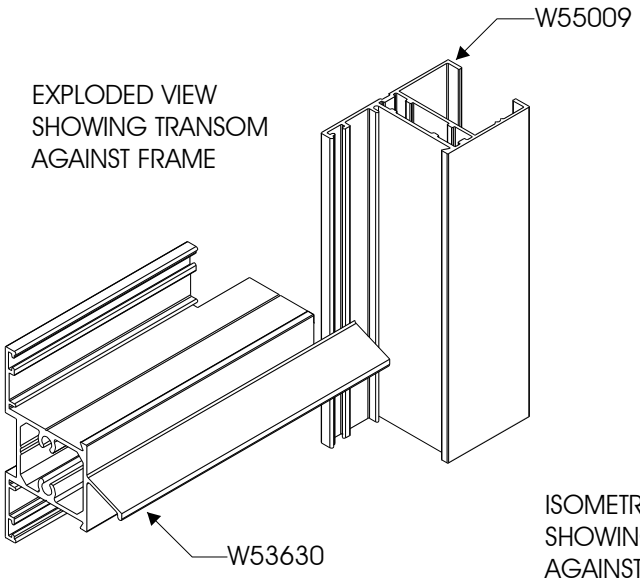
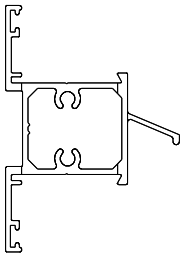
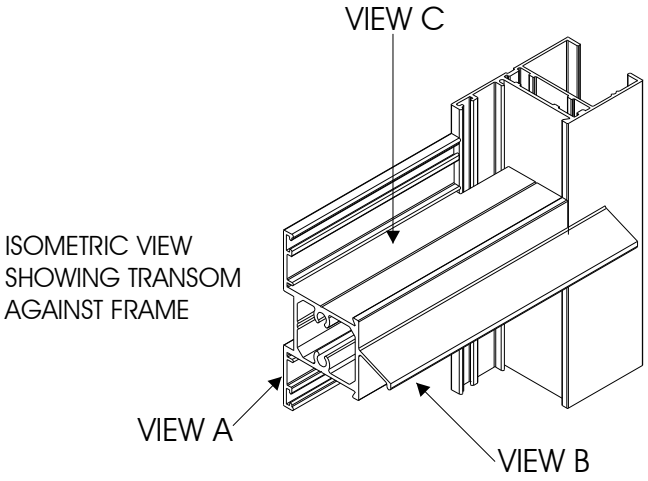
CASEMENT 30.5
WINDOW SYSTEM
STANDARD TRANSOM WITH W/B
MACHINING DETAIL FOR END MILLING
ON LITE EQUAL LEG OUTER FRAME

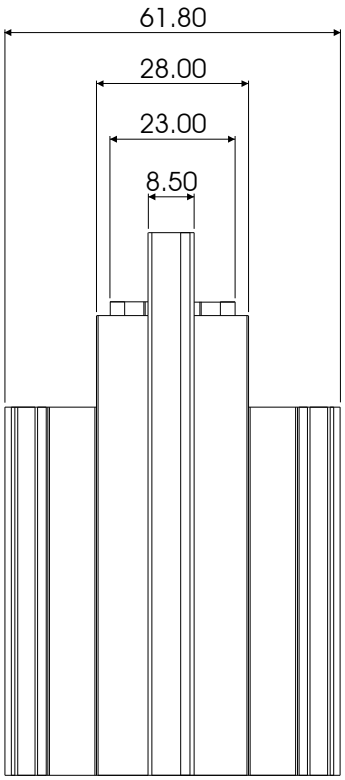
Conways Est. 1946
Aluminium Profile Stockists



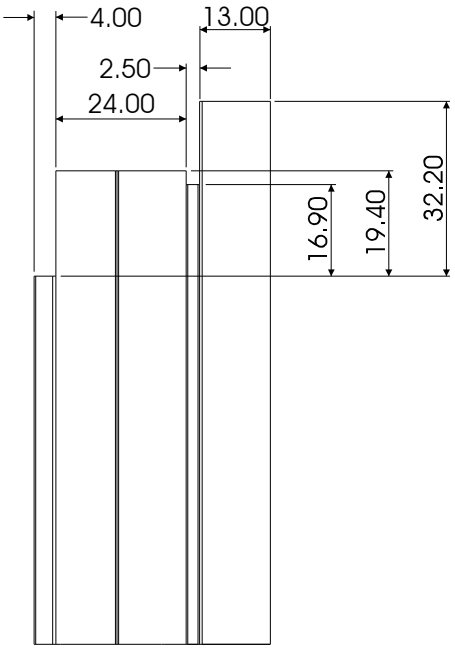


VIEW A
STANDARD TRANSOM
WITH W/B
W53630





VIEW B



VIEW C

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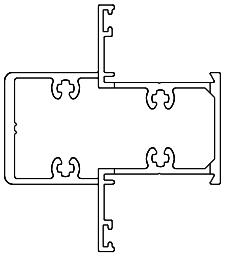
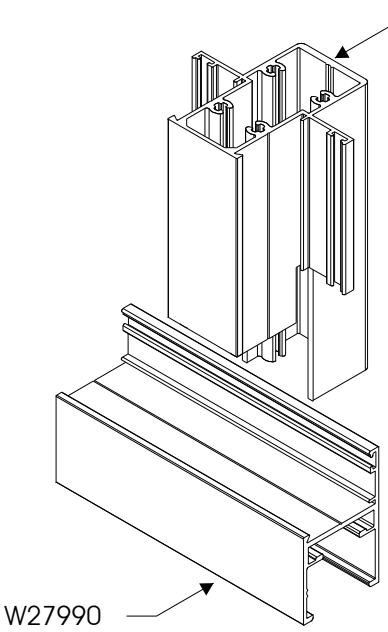
CASEMENT 30.5
WINDOW SYSTEM
54mm MULLION MACHINING DETAIL FOR END MILLING ON EQUAL LEG OUTER FRAME

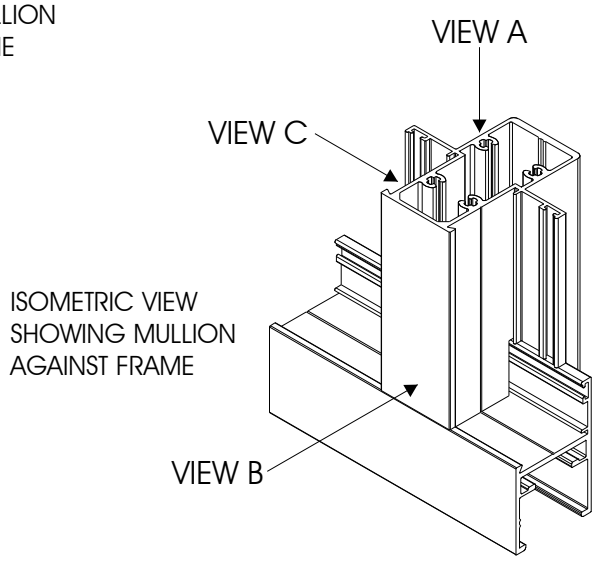
Conways Est. 1946
Aluminium Profile Stockists



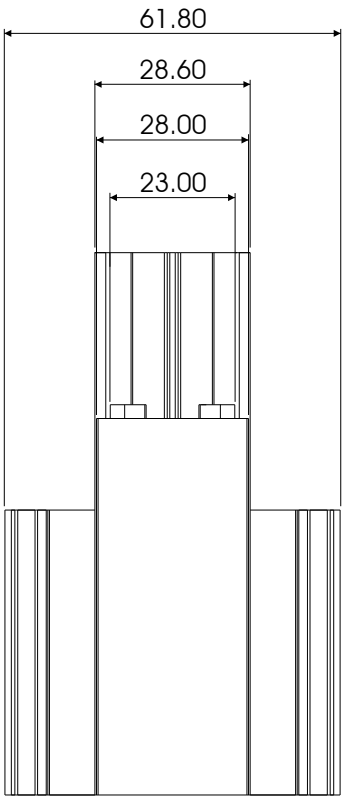
VIEW A
54mm MULLION
W54651



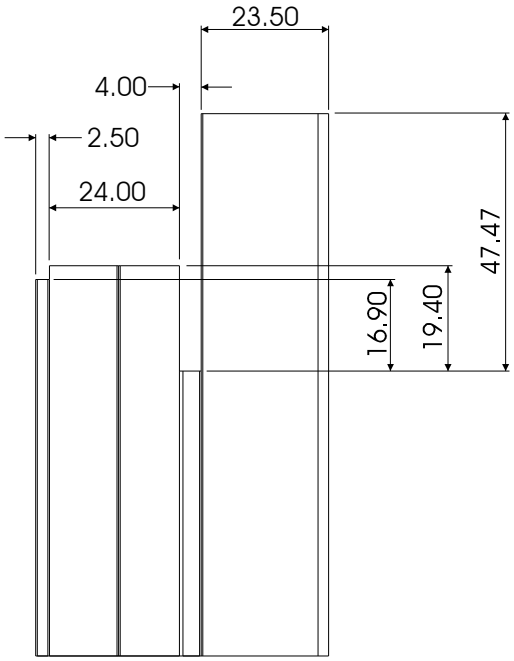
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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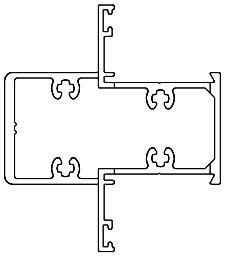
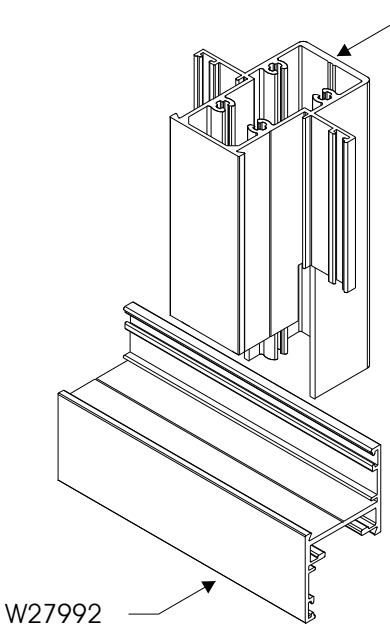
CASEMENT 30.5
WINDOW SYSTEM
54mm MULLION MACHINING
DETAIL FOR END MILLING
ON UNEQUAL LEG OUTER FRAME

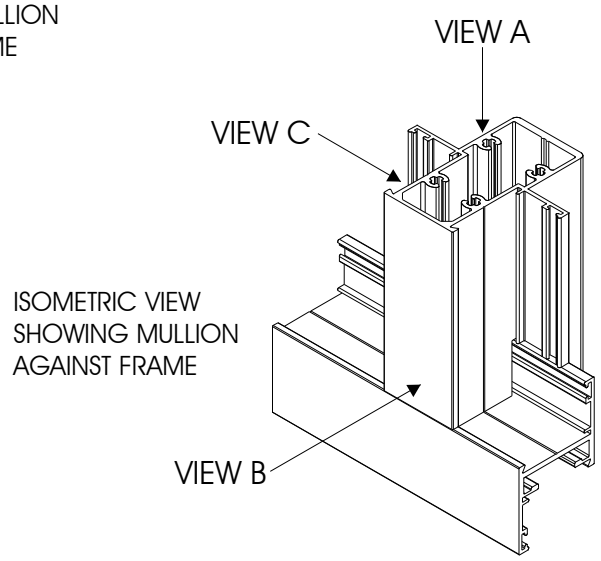
Conways Est. 1946
Aluminium Profile Stockists



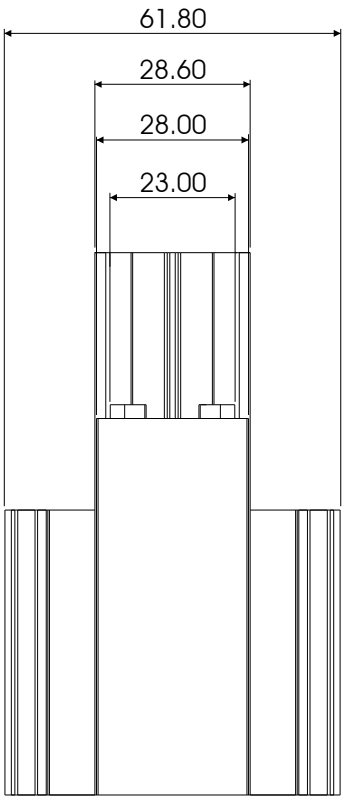
VIEW A
54mm MULLION
W54651



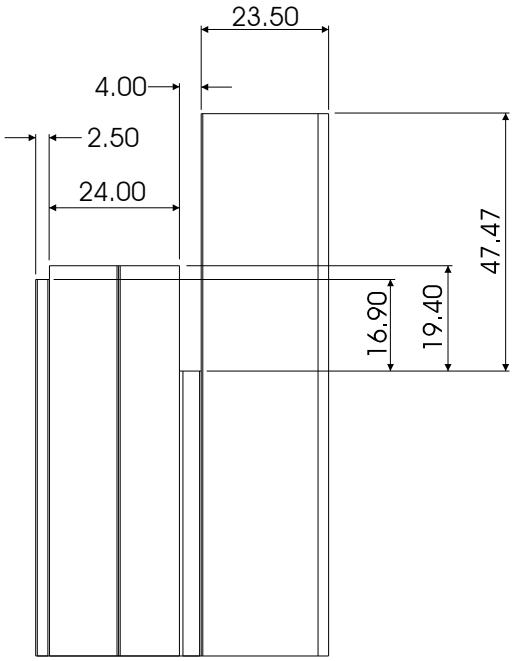
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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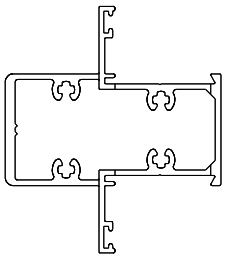
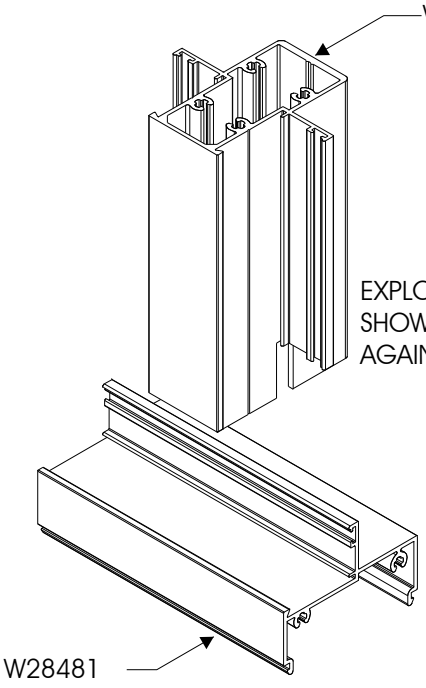
CASEMENT 30.5
WINDOW SYSTEM
54mm MULLION MACHINING DETAIL FOR END MILLING ON 54mm OUTER FRAME

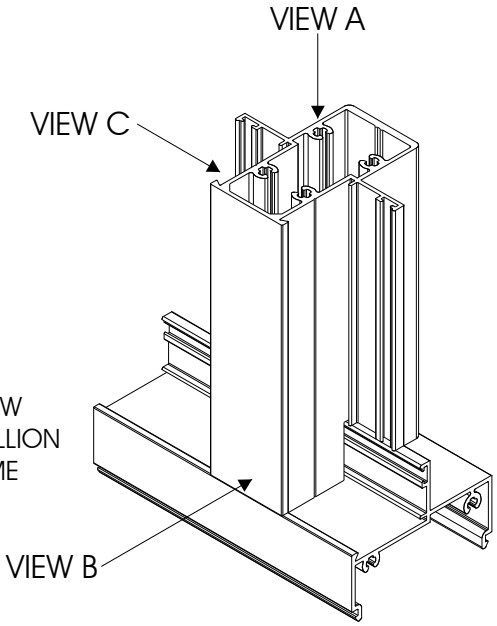
Conways Est. 1946
Aluminium Profile Stockists



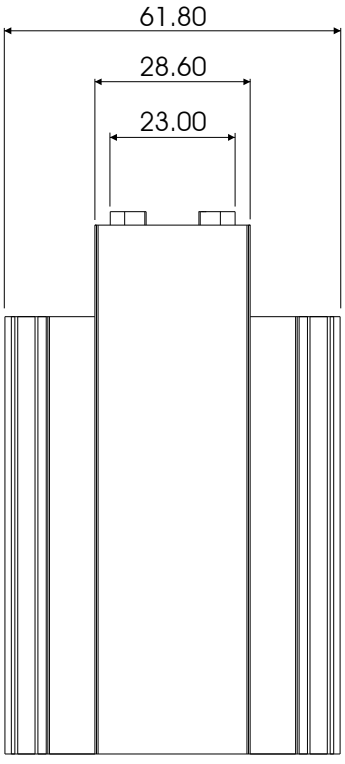
VIEW A
54mm MULLION
W54651



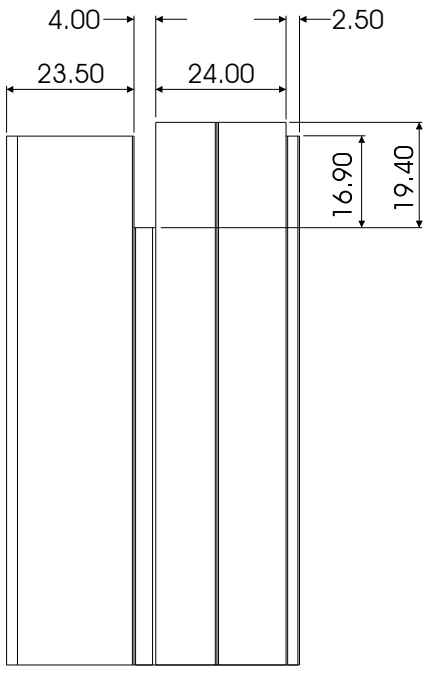
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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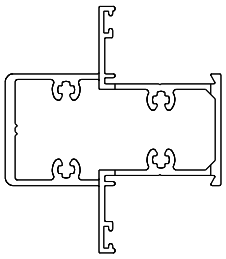
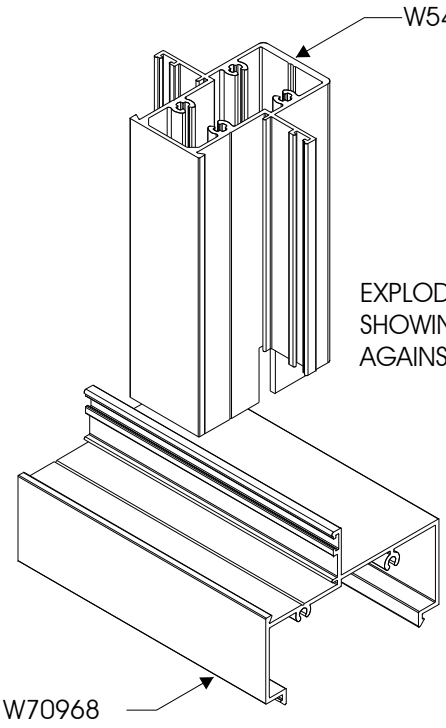
CASEMENT 30.5
WINDOW SYSTEM
54mm MULLION MACHINING DETAIL FOR END MILLING ON 70mm OUTER FRAME

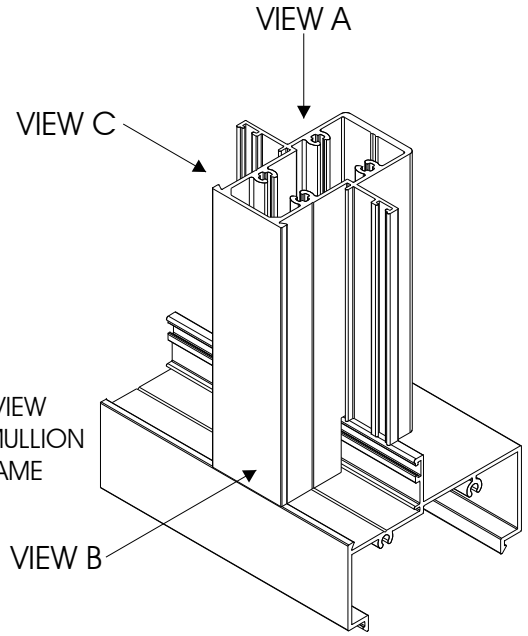
Conways Est. 1946
Aluminium Profile Stockists



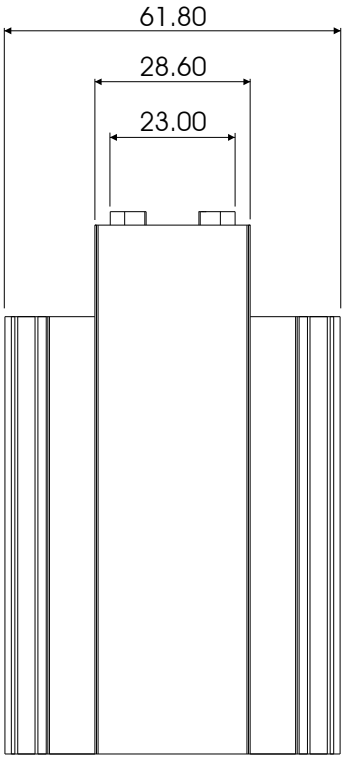
VIEW A
54mm MULLION
W54651



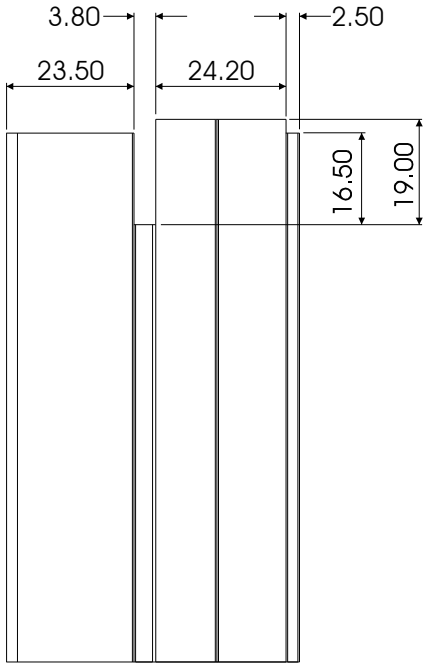
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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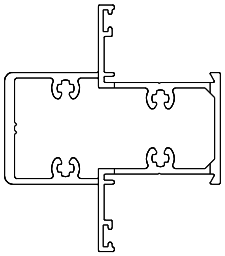
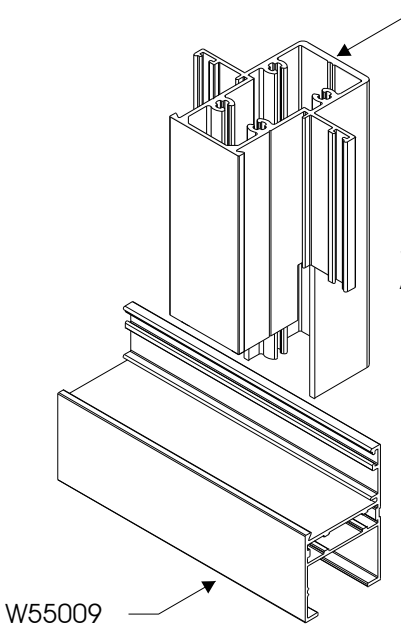
CASEMENT 30.5
WINDOW SYSTEM
54mm MULLION MACHINING
DETAIL FOR END MILLING
ON LITE EQUAL LEG OUTER FRAME

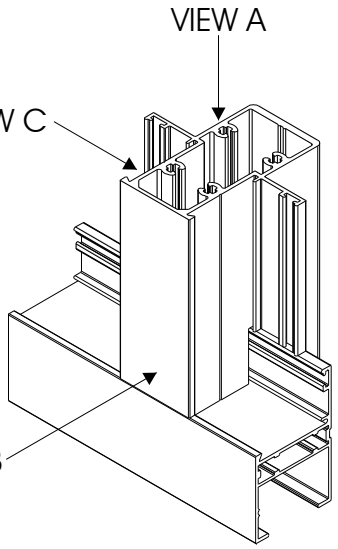
Conways Est. 1946
Aluminium Profile Stockists



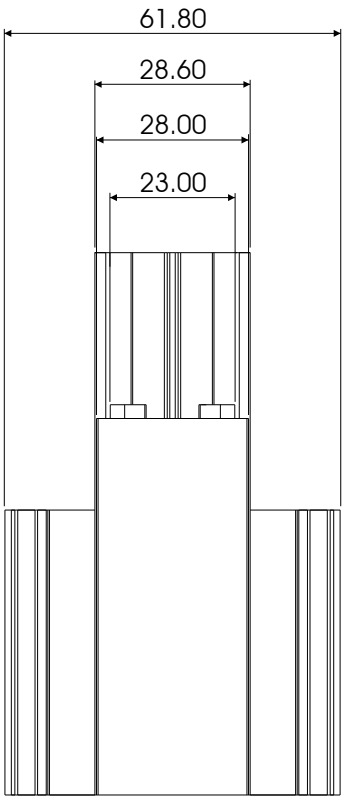
VIEW A
54mm MULLION
W54651



EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



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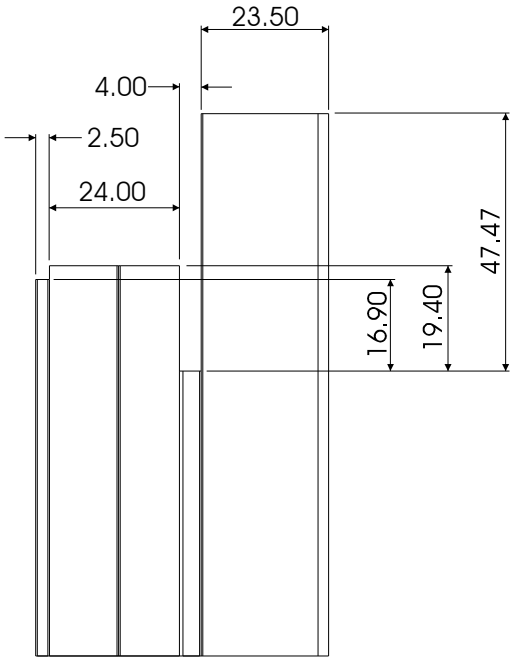

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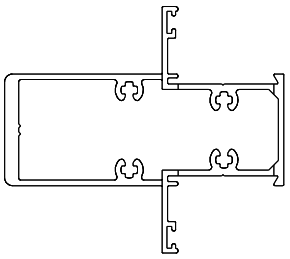
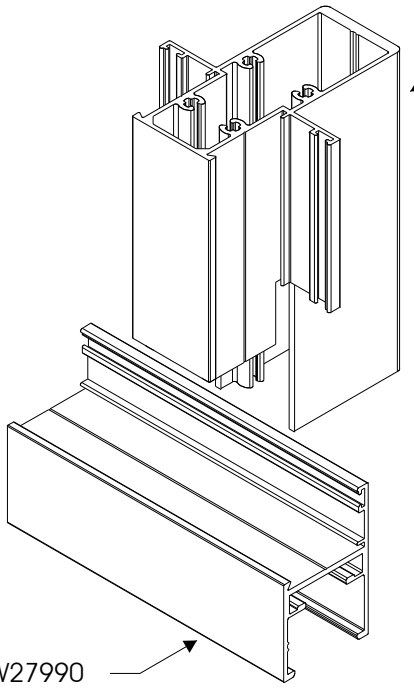
CASEMENT 30.5
WINDOW SYSTEM
70mm MULLION MACHINING DETAIL FOR END MILLING ON EQUAL LEG OUTER FRAME

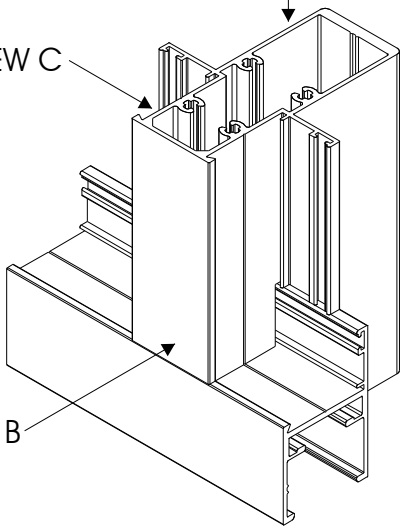
Conways Est. 1946
Aluminium Profile Stockists



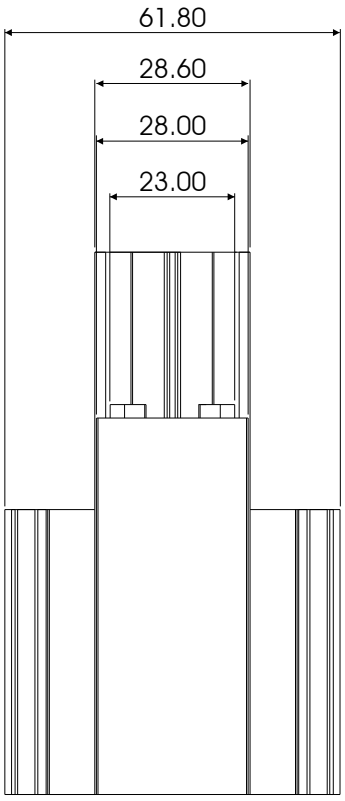
VIEW A
70mm MULLION
W54652



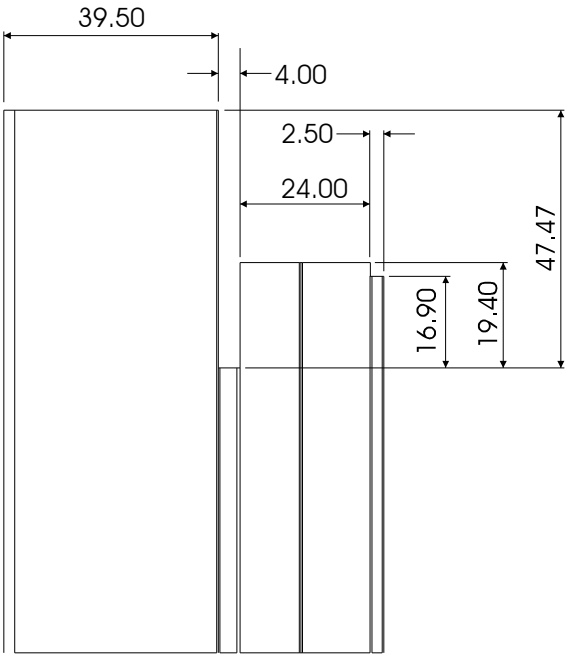
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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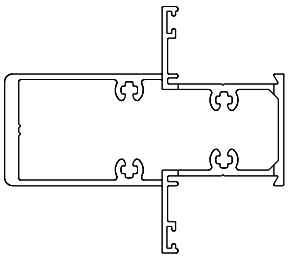
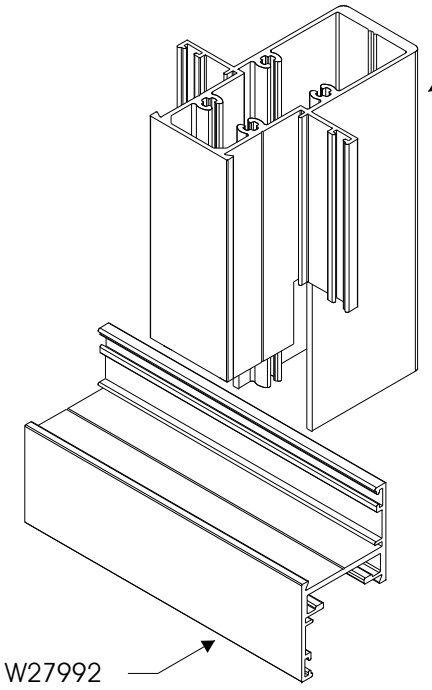
CASEMENT 30.5
WINDOW SYSTEM
70mm MULLION MACHINING
DETAIL FOR END MILLING
ON UNEQUAL LEG OUTER FRAME

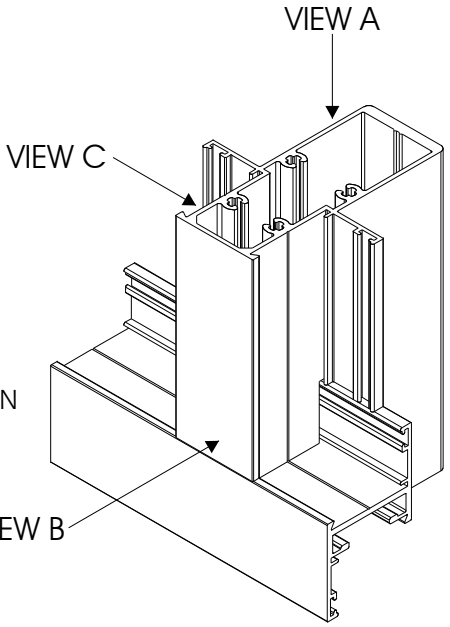
Conways Est. 1946
Aluminium Profile Stockists



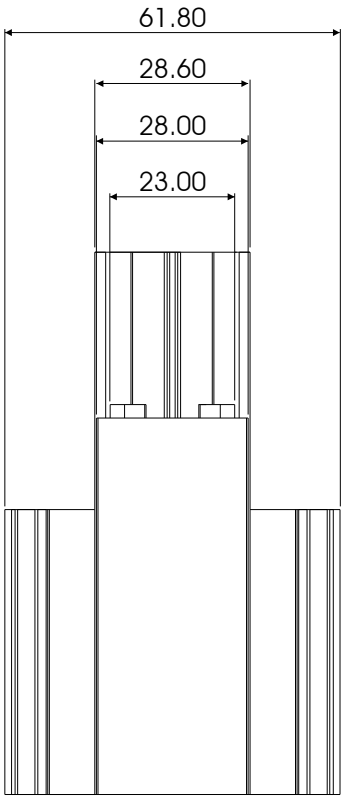
VIEW A
70mm MULLION
W54652



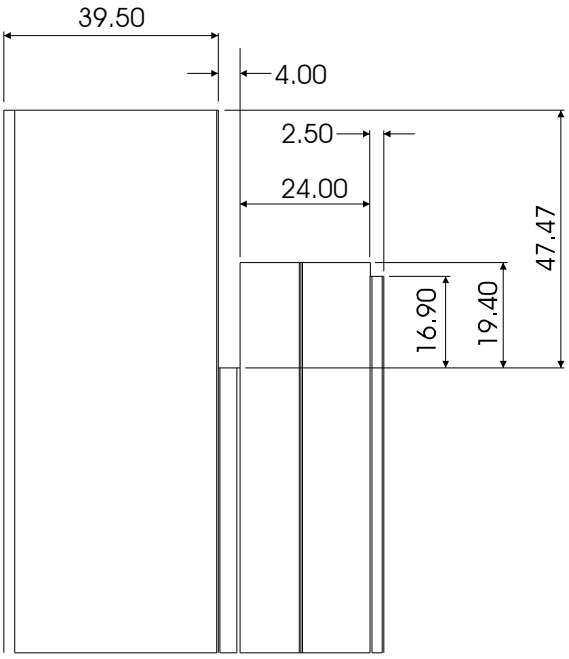
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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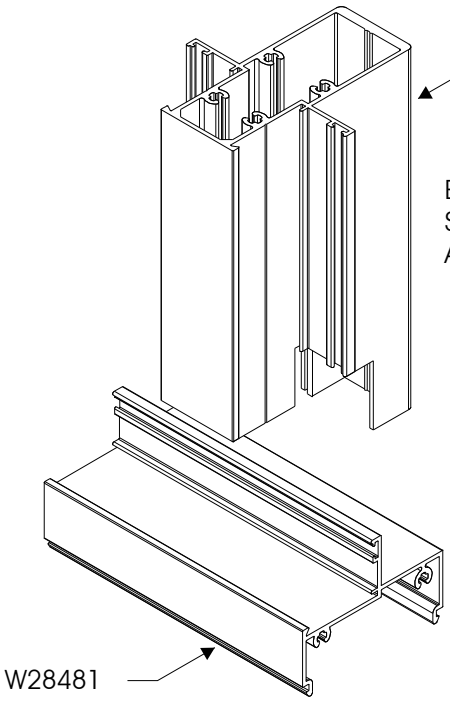
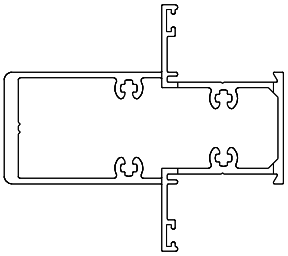
CASEMENT 30.5
WINDOW SYSTEM
70mm MULLION MACHINING
DETAIL FOR END MILLING ON 54mm OUTER FRAME

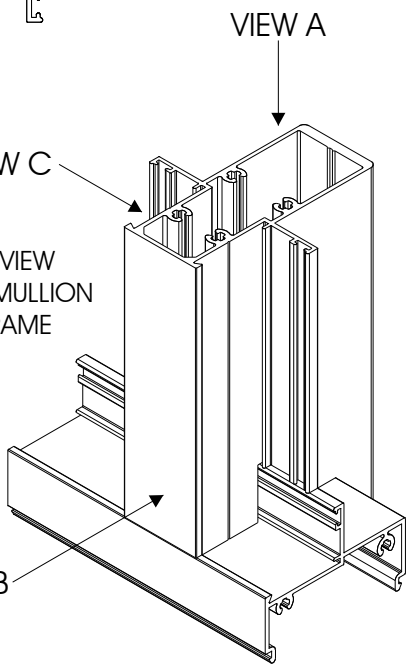
Conways Est. 1946
Aluminium Profile Stockists



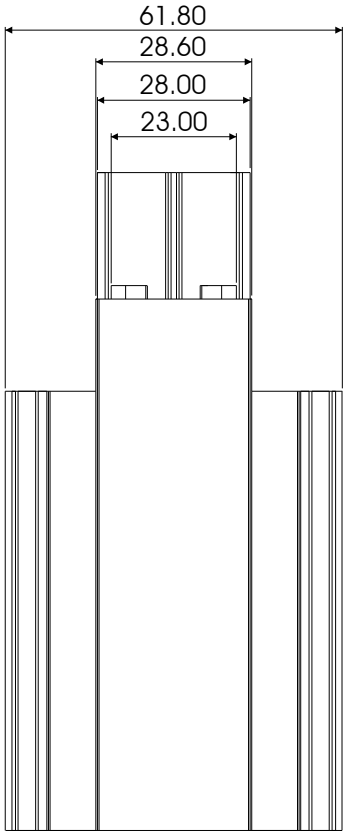
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



VIEW A
70mm MULLION
W54652



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



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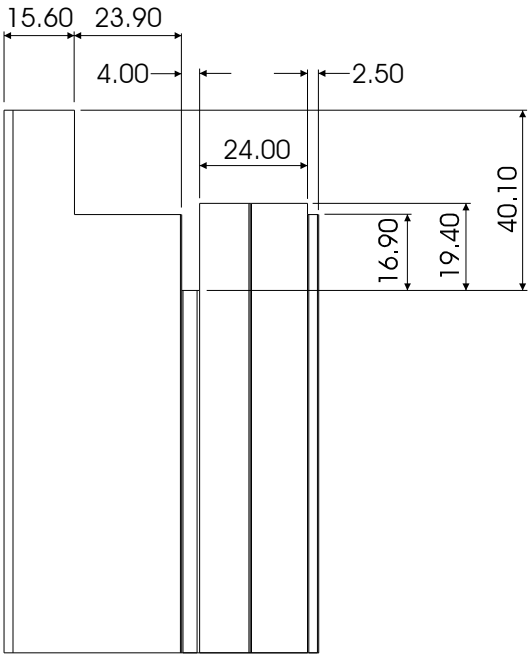

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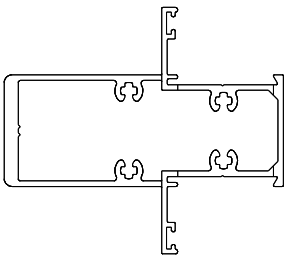
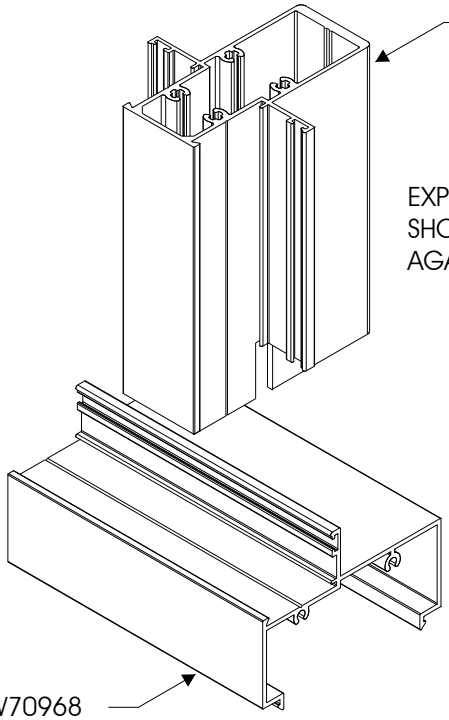
CASEMENT 30.5
WINDOW SYSTEM
70mm MULLION MACHINING
DETAIL FOR END MILLING
ON 70mm OUTER FRAME

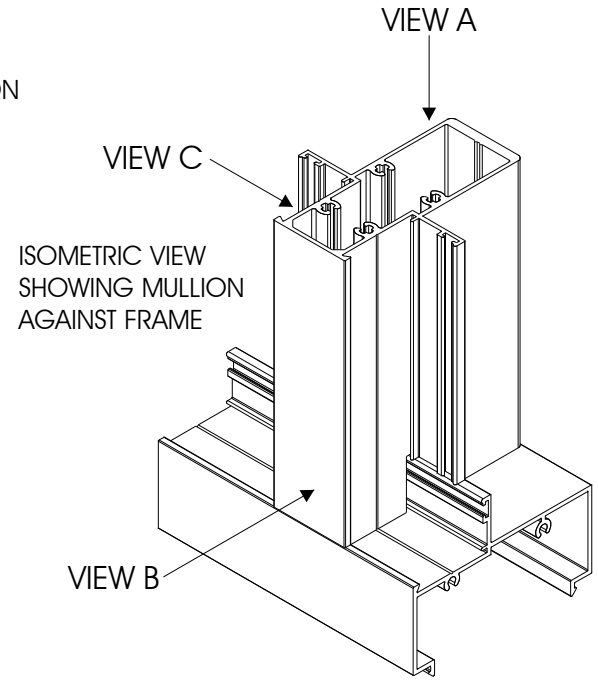
Conways Est. 1946
Aluminium Profile Stockists



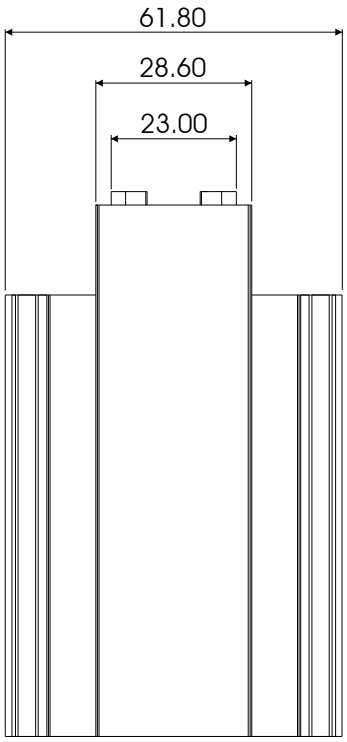
VIEW A
70mm MULLION
W54652



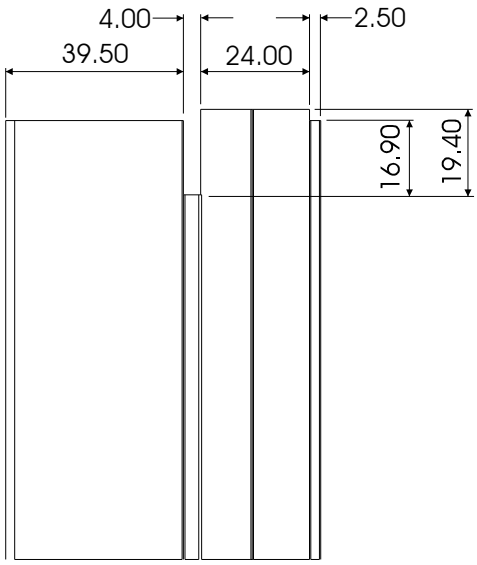
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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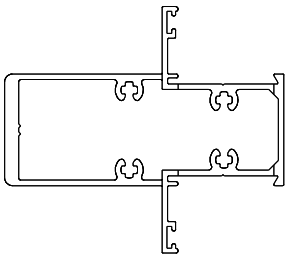
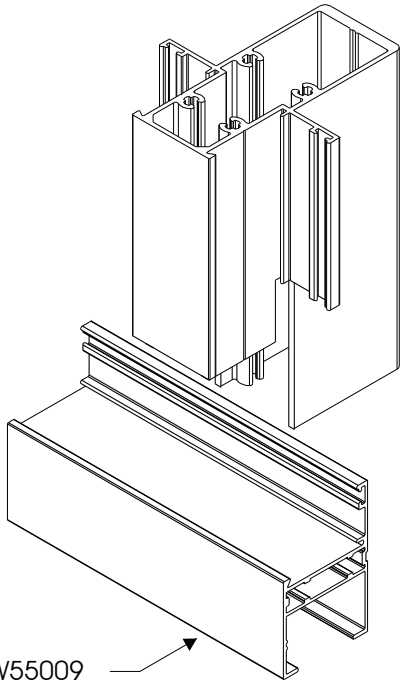
CASEMENT 30.5
WINDOW SYSTEM
70mm MULLION MACHINING
DETAIL FOR END MILLING
ON LITE EQUAL LEG OUTER FRAME

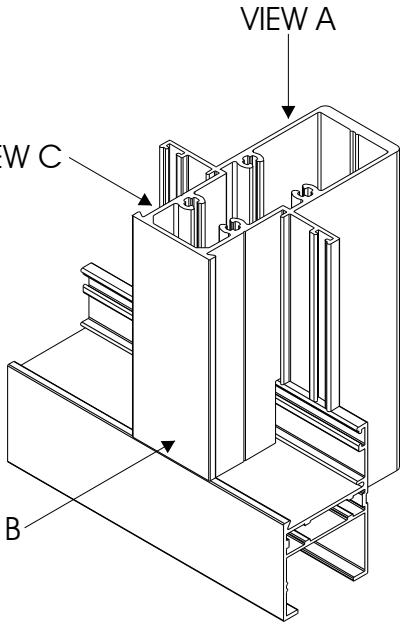
Conways Est. 1946
Aluminium Profile Stockists



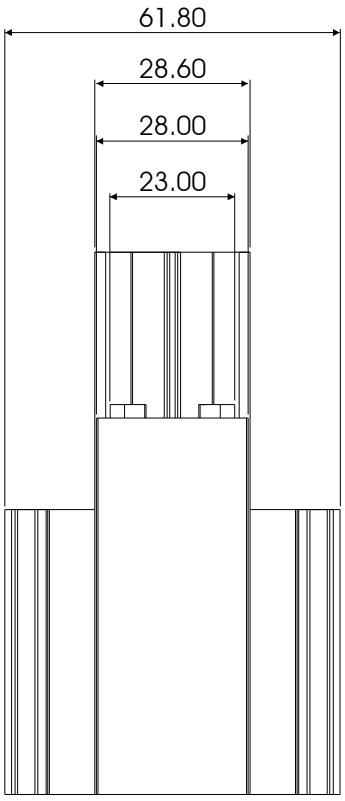
VIEW A
70mm MULLION
W54652



EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



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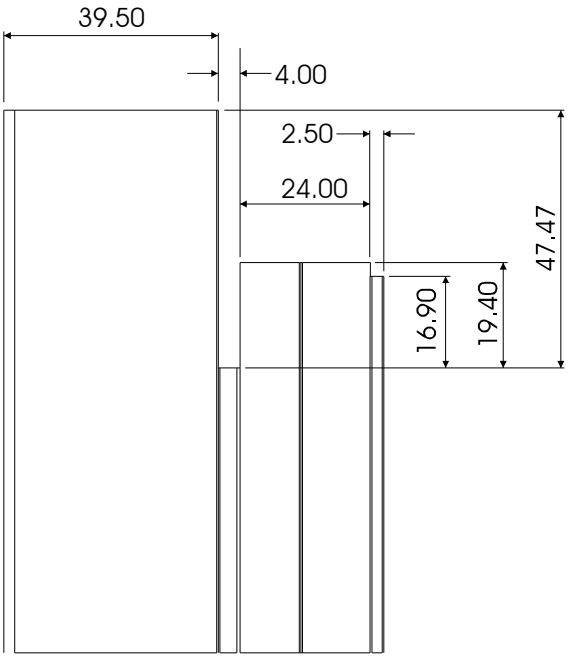

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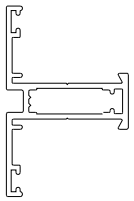
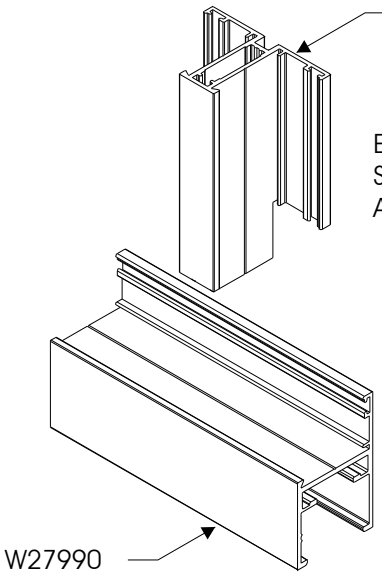
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE MULLION
MACHINING DETAIL FOR END MILLING
ON EQUAL LEG OUTER FRAME

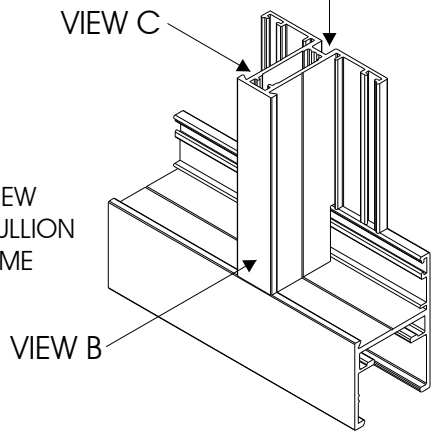
Conways Est. 1946
Aluminium Profile Stockists



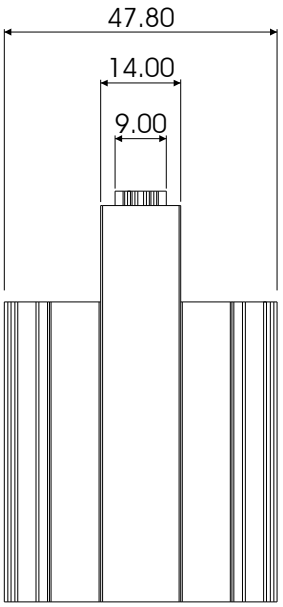
VIEW A
COTTAGE PANE MULLION
W54867



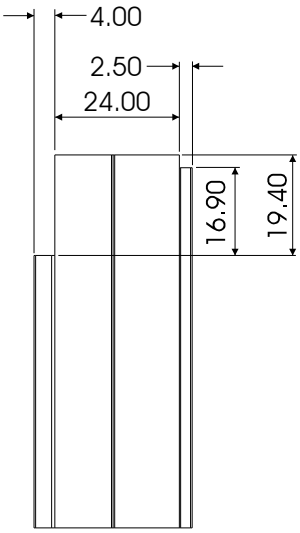
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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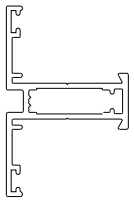
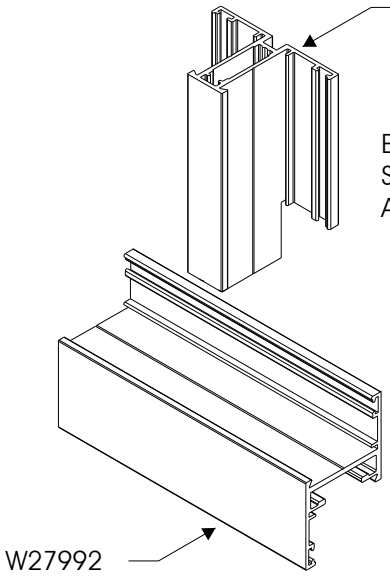
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE MULLION
MACHINING DETAIL FOR END MILLING ON UNEQUAL LEG OUTER FRAME

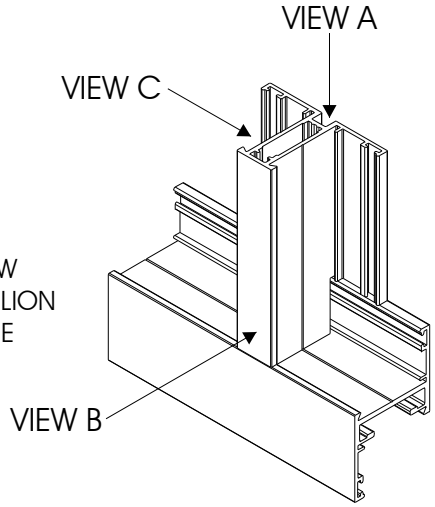
Conways Est. 1946
Aluminium Profile Stockists



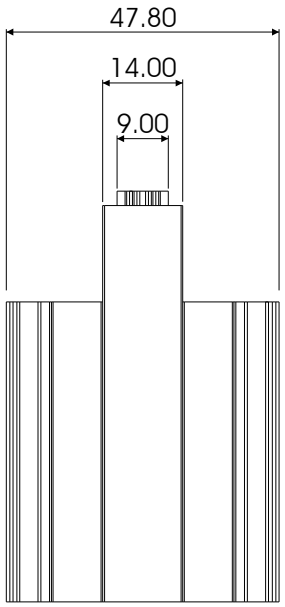
VIEW A
COTTAGE PANE MULLION
W54867



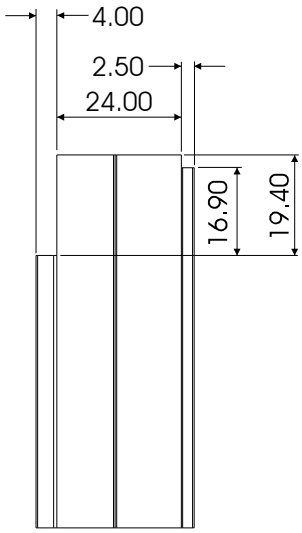
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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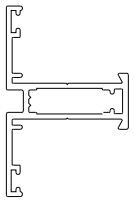
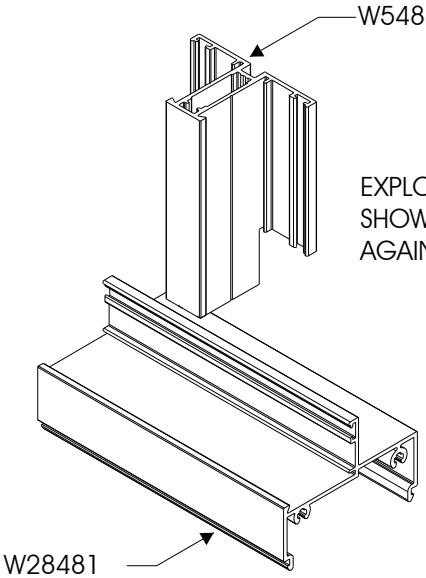
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE MULLION
MACHINING DETAIL FOR END MILLING
ON 54mm OUTER FRAME

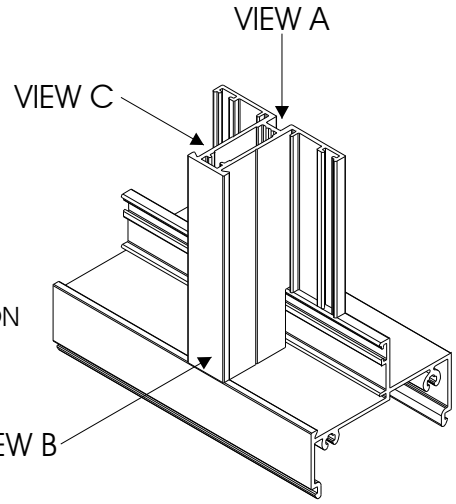
Conways Est. 1946
Aluminium Profile Stockists



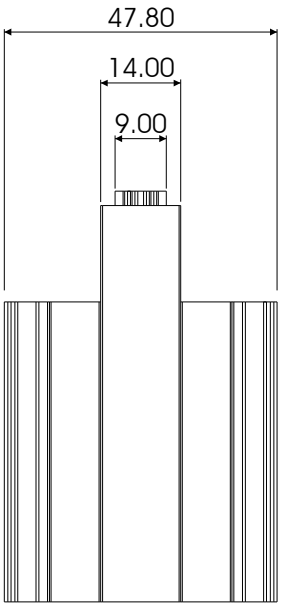
VIEW A
COTTAGE PANE MULLION
W54867



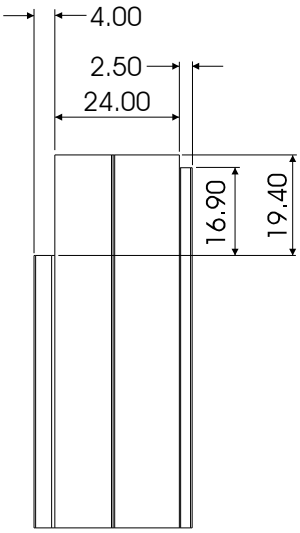
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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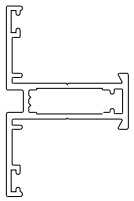
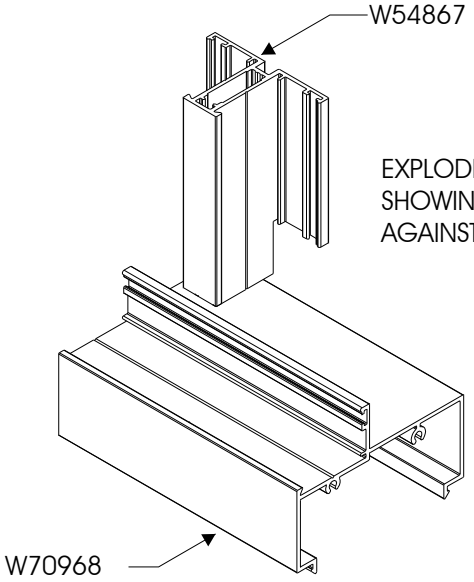
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE MULLION
MACHINING DETAIL FOR END MILLING
ON 70mm OUTER FRAME

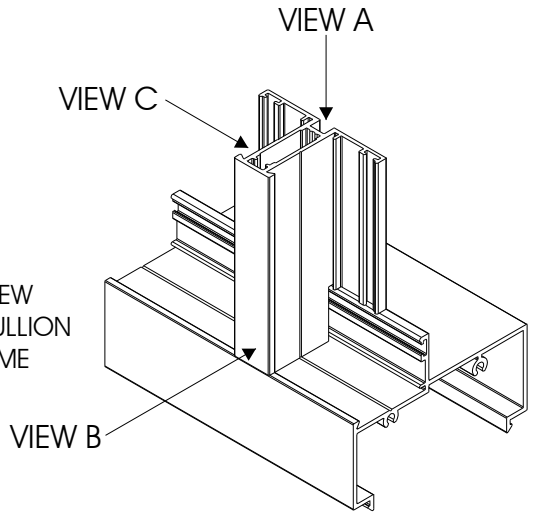
Conways Est. 1946
Aluminium Profile Stockists



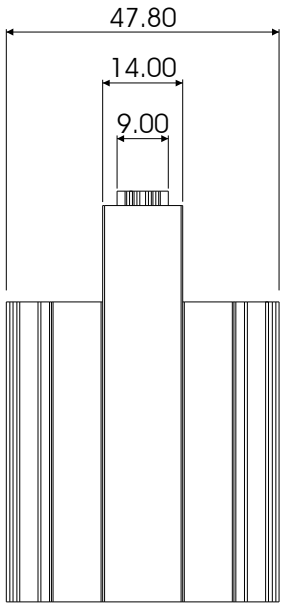
VIEW A
COTTAGE PANE MULLION
W54867



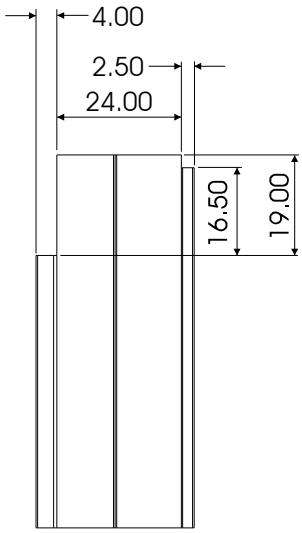
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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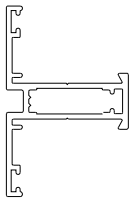
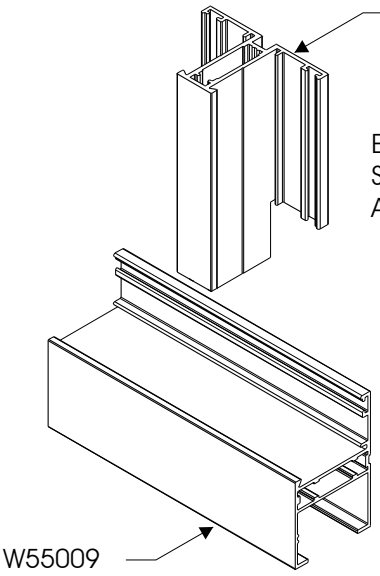
CASEMENT 30.5
WINDOW SYSTEM
COTTAGE PANE MULLION
MACHINING DETAIL FOR END MILLING
ON LITE EQUAL LEG OUTER FRAME

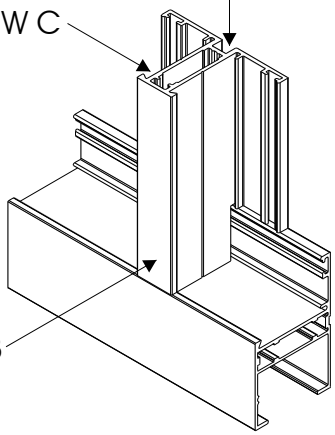
Conways Est. 1946
Aluminium Profile Stockists



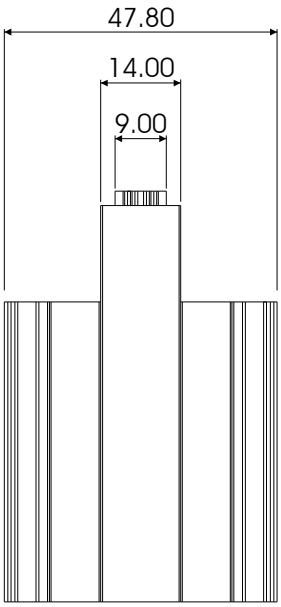
VIEW A
COTTAGE PANE MULLION
W54867



EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



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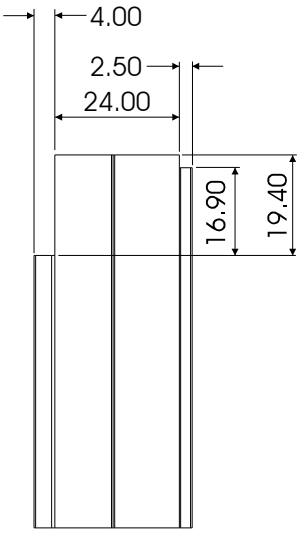

VIEW C

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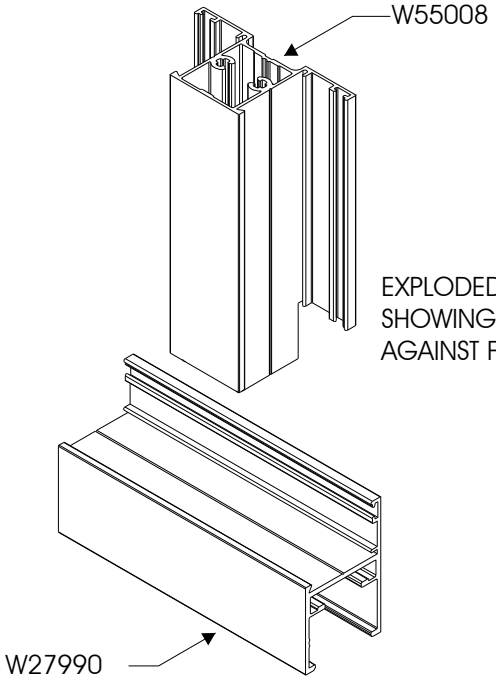
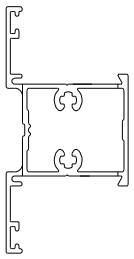
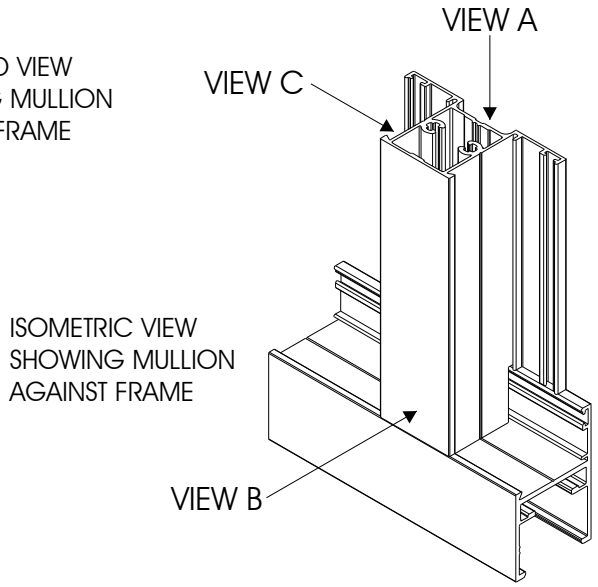
CASEMENT 30.5
WINDOW SYSTEM
LITE MULLION MACHINING
DETAIL FOR END MILLING
ON EQUAL LEG OUTER FRAME



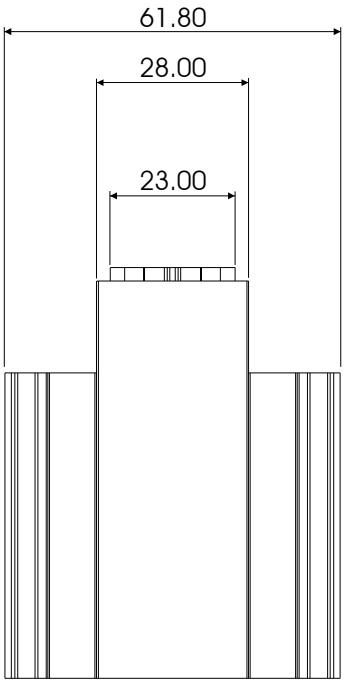
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



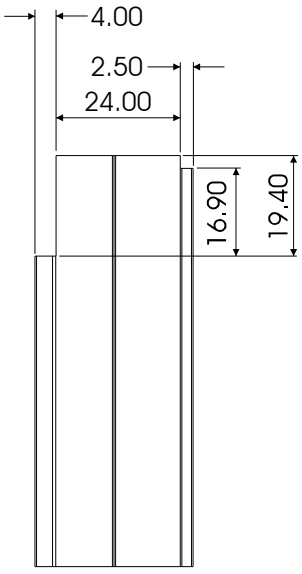
VIEW A
LITE MULLION
W55008



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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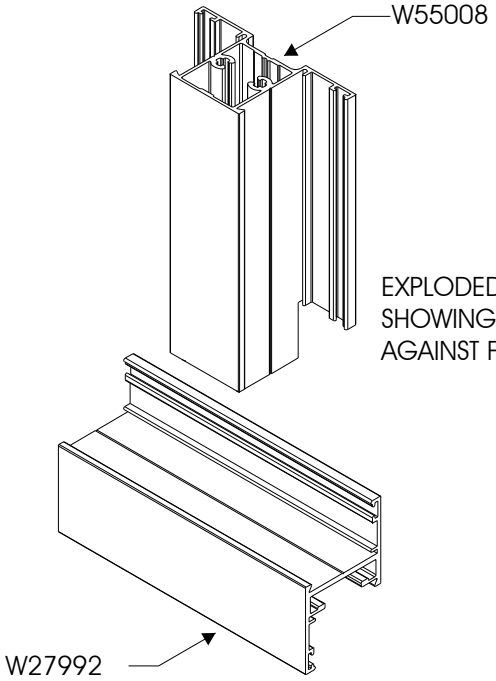
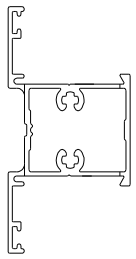
CASEMENT 30.5
WINDOW SYSTEM
LITE MULLION MACHINING
DETAIL FOR END MILLING
ON UNEQUAL LEG OUTER FRAME

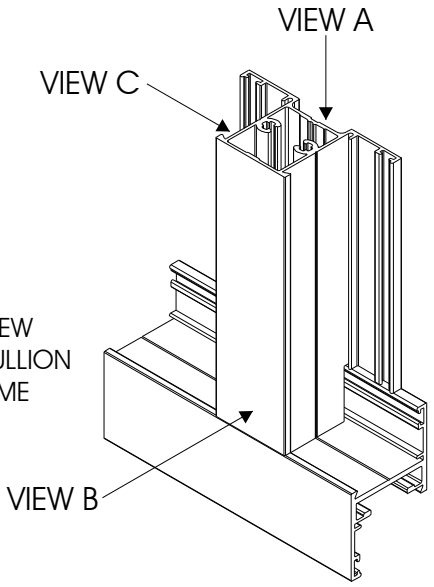
Conways Est. 1946
Aluminium Profile Stockists



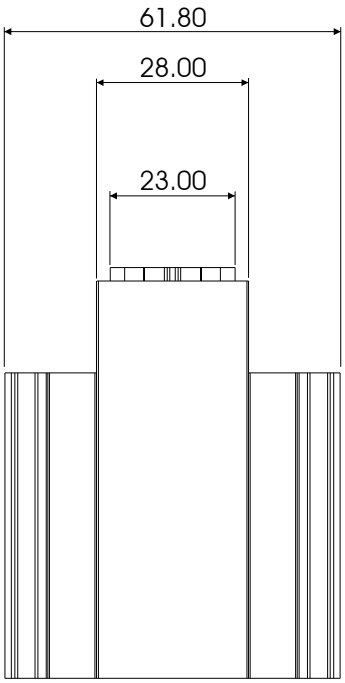
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



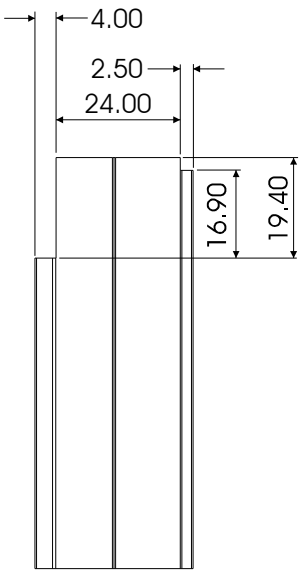
VIEW A
LITE MULLION
W55008



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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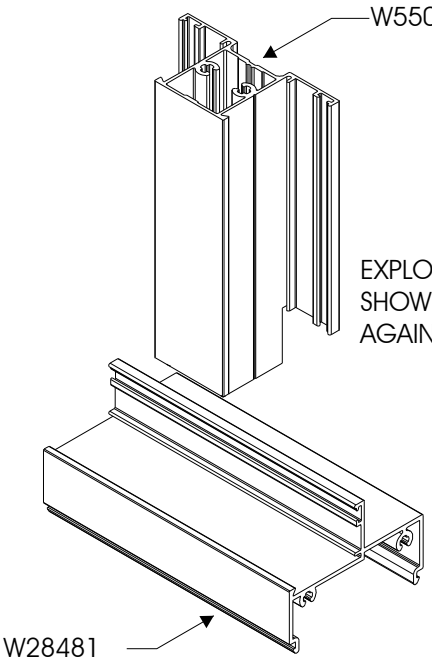
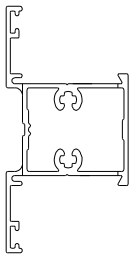
CASEMENT 30.5
WINDOW SYSTEM
LITE MULLION MACHINING
DETAIL FOR END MILLING
ON 54mm OUTER FRAME

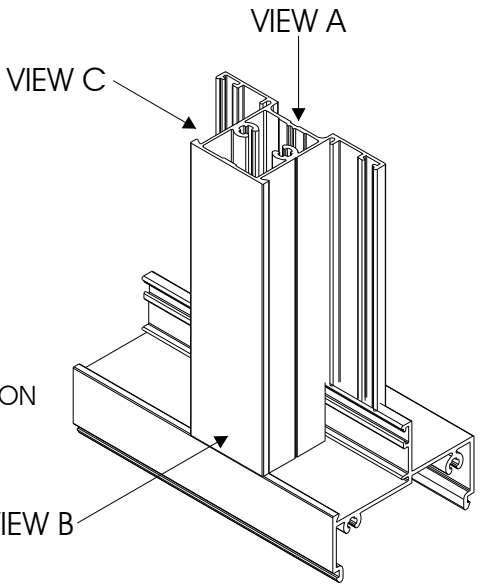
Conways Est. 1946
Aluminium Profile Stockists



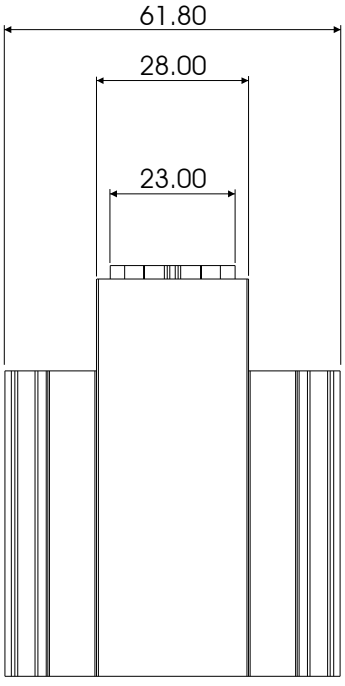
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



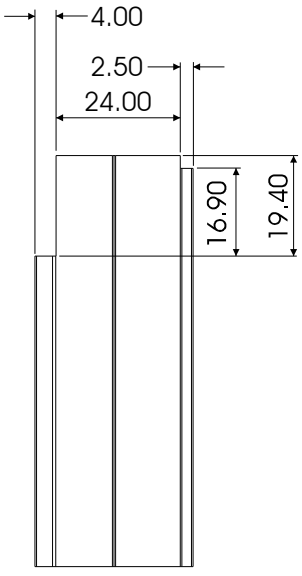
VIEW A
LITE MULLION
W55008



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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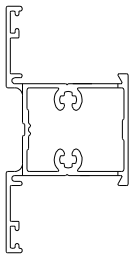
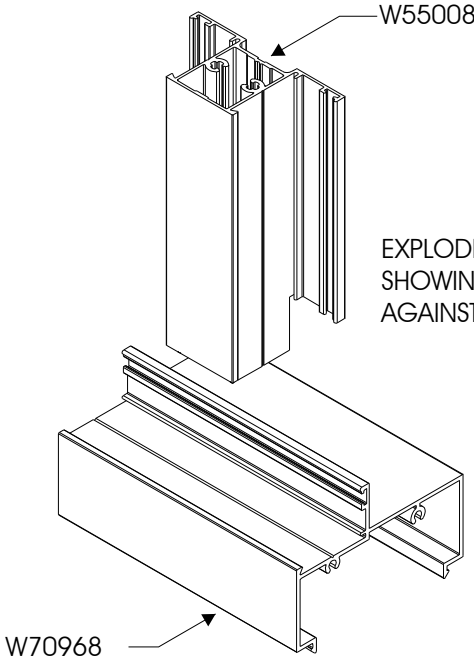
CASEMENT 30.5
WINDOW SYSTEM
LITE MULLION MACHINING
DETAIL FOR END MILLING
ON 70mm OUTER FRAME

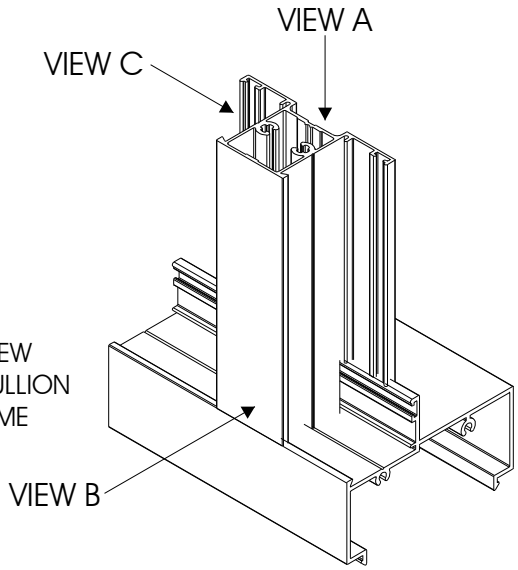
Conways Est. 1946
Aluminium Profile Stockists



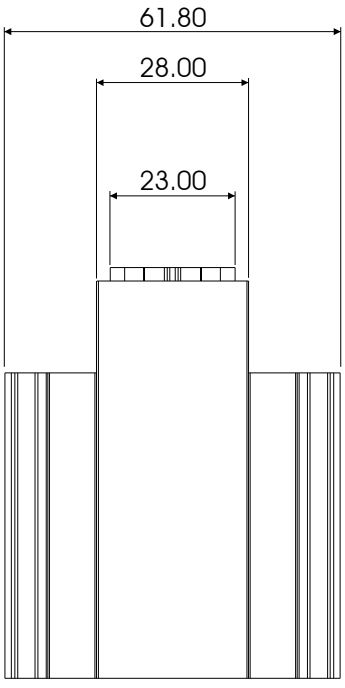
VIEW A
LITE MULLION
W55008



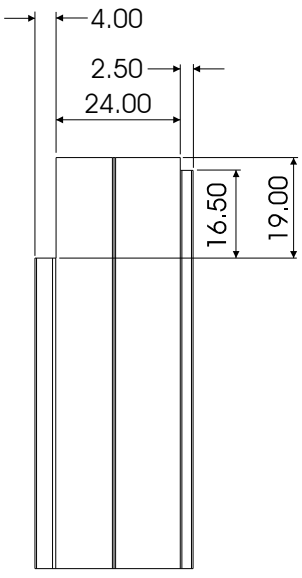
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



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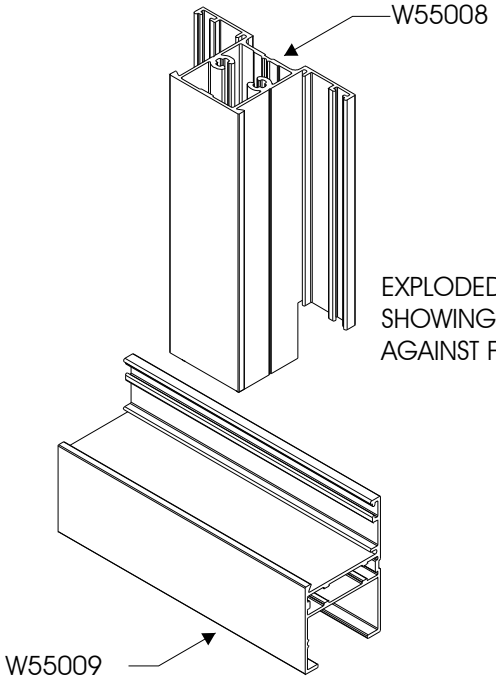
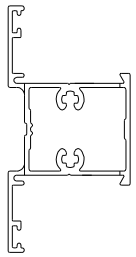
CASEMENT 30.5
WINDOW SYSTEM
LITE MULLION MACHINING
DETAIL FOR END MILLING
ON LITE EQUAL LEG OUTER FRAME

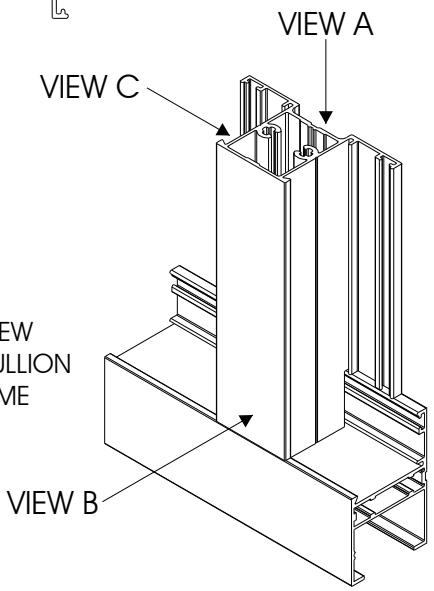
Conways Est. 1946
Aluminium Profile Stockists



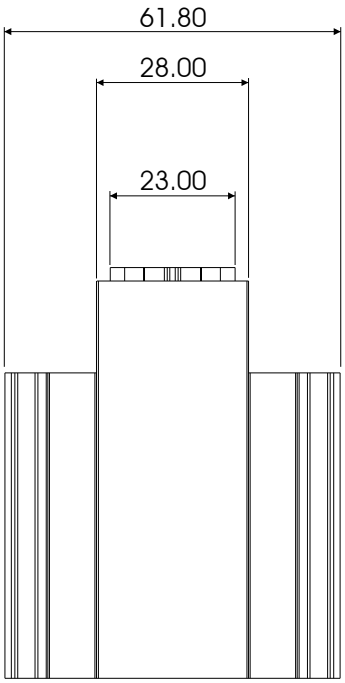
EXPLODED VIEW
SHOWING MULLION
AGAINST FRAME



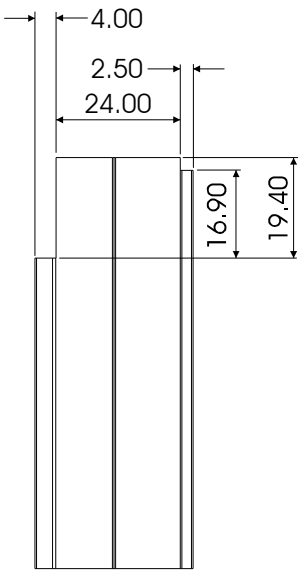
VIEW A
LITE MULLION
W55008



ISOMETRIC VIEW
SHOWING MULLION
AGAINST FRAME



VIEW B



VIEW C

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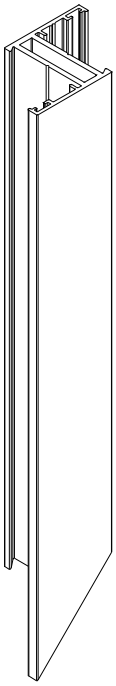
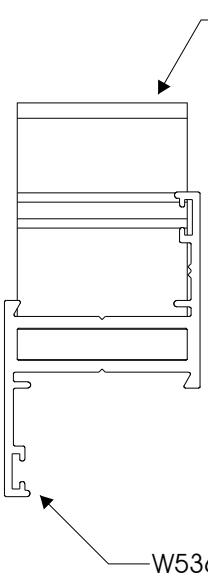
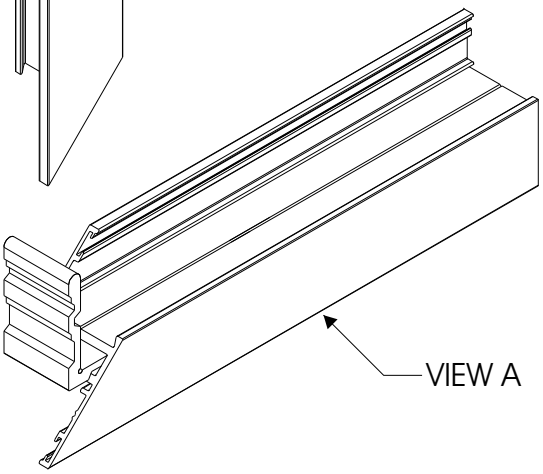
CASEMENT 30.5
WINDOW SYSTEM
CORNER CLEAT ASSEMBLY DETAIL
FOR TUBULAR SASH

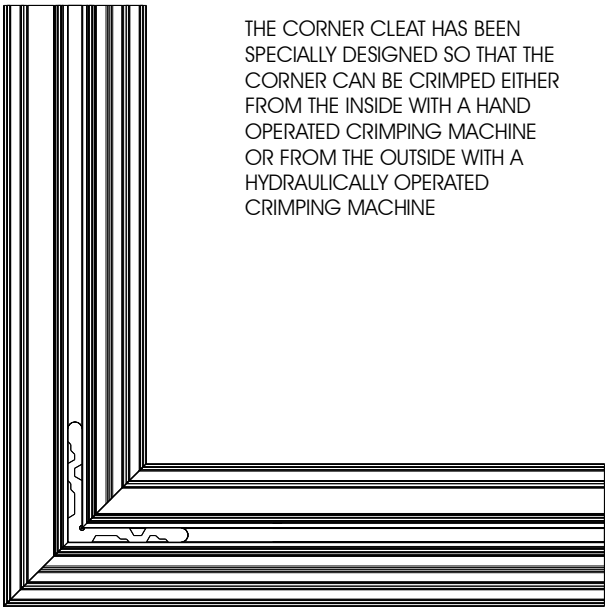
Conways Est. 1946
Aluminium Profile Stockists



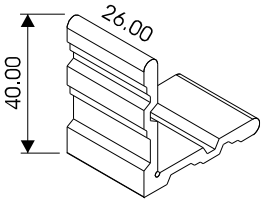
NOTE:
ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED TO SASH AND CORRESPONDING SURFACES OF FRAME BEFORE CRIMPING (NOT TO AREAS TO BE GLAZED)







THE CORNER CLEAT HAS BEEN SPECIALLY DESIGNED SO THAT THE CORNER CAN BE CRIMPED EITHER FROM THE INSIDE WITH A HAND OPERATED CRIMPING MACHINE OR FROM THE OUTSIDE WITH A HYDRAULICALLY OPERATED CRIMPING MACHINE



W27989

VIEW A

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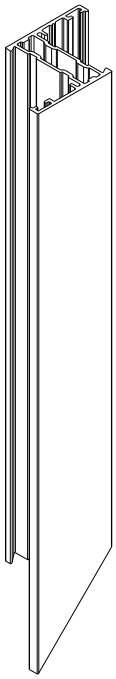
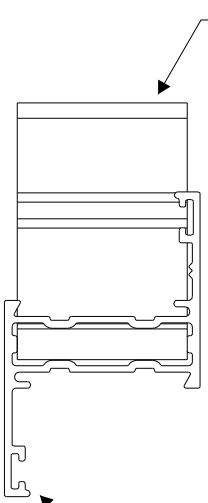
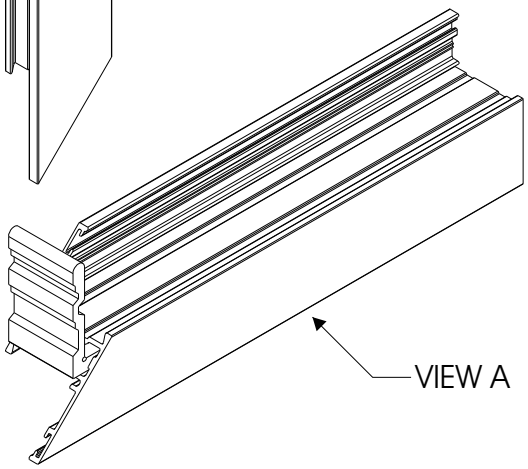
CASEMENT 30.5
WINDOW SYSTEM
CORNER CLEAT ASSEMBLY DETAIL
FOR LITE TUBULAR SASH

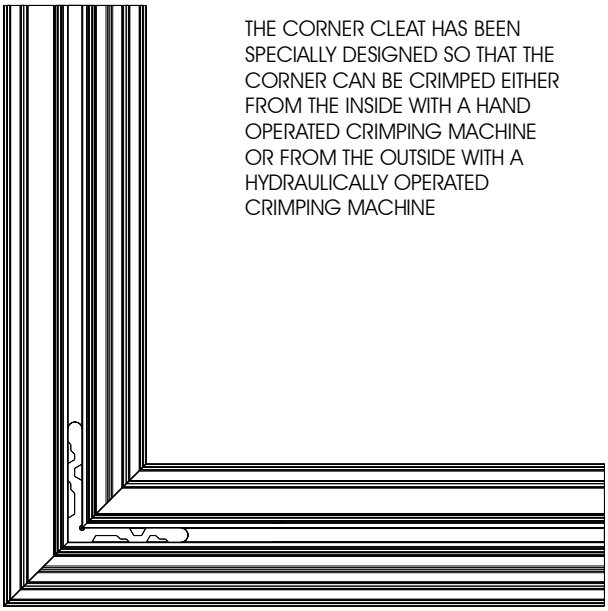
Conways Est. 1946
Aluminium Profile Stockists



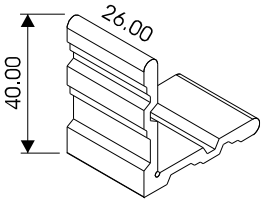
NOTE:
ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED TO SASH AND CORRESPONDING SURFACES OF FRAME BEFORE CRIMPING (NOT TO AREAS TO BE GLAZED)







THE CORNER CLEAT HAS BEEN SPECIALLY DESIGNED SO THAT THE CORNER CAN BE CRIMPED EITHER FROM THE INSIDE WITH A HAND OPERATED CRIMPING MACHINE OR FROM THE OUTSIDE WITH A HYDRAULICALLY OPERATED CRIMPING MACHINE



W27989

VIEW A

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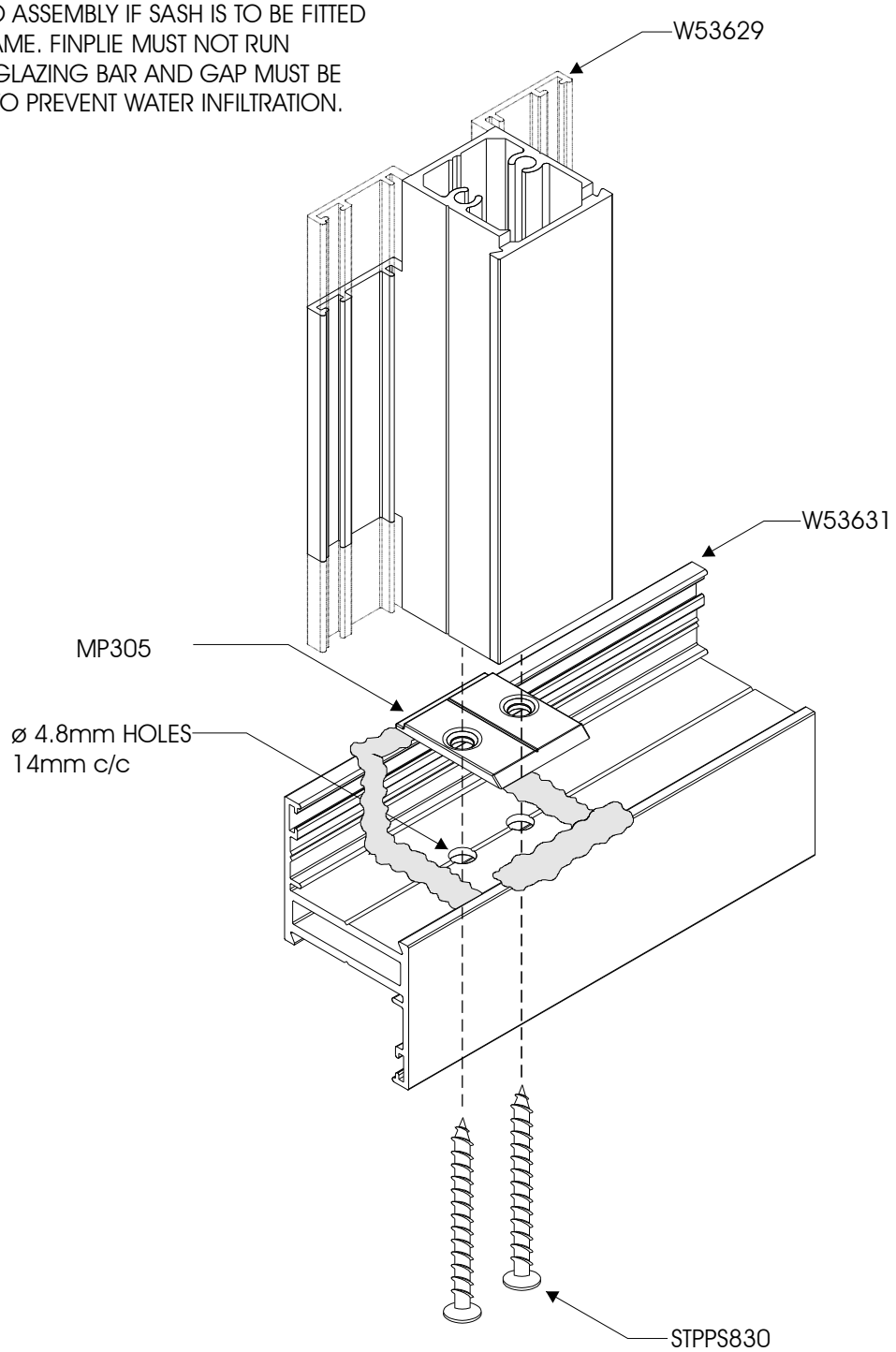
CASEMENT 30.5
WINDOW SYSTEM
GLAZING BAR FRAME JOINT
ASSEMBLY DETAIL

Conways Est. 1946
Aluminium Profile Stockists

NOTE: ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED PRIOR TO ASSEMBLY IF SASH IS TO BE FITTED INTO FRAME. FINPLIE MUST NOT RUN BEHIND GLAZING BAR AND GAP MUST BE SEALED TO PREVENT WATER INFILTRATION.



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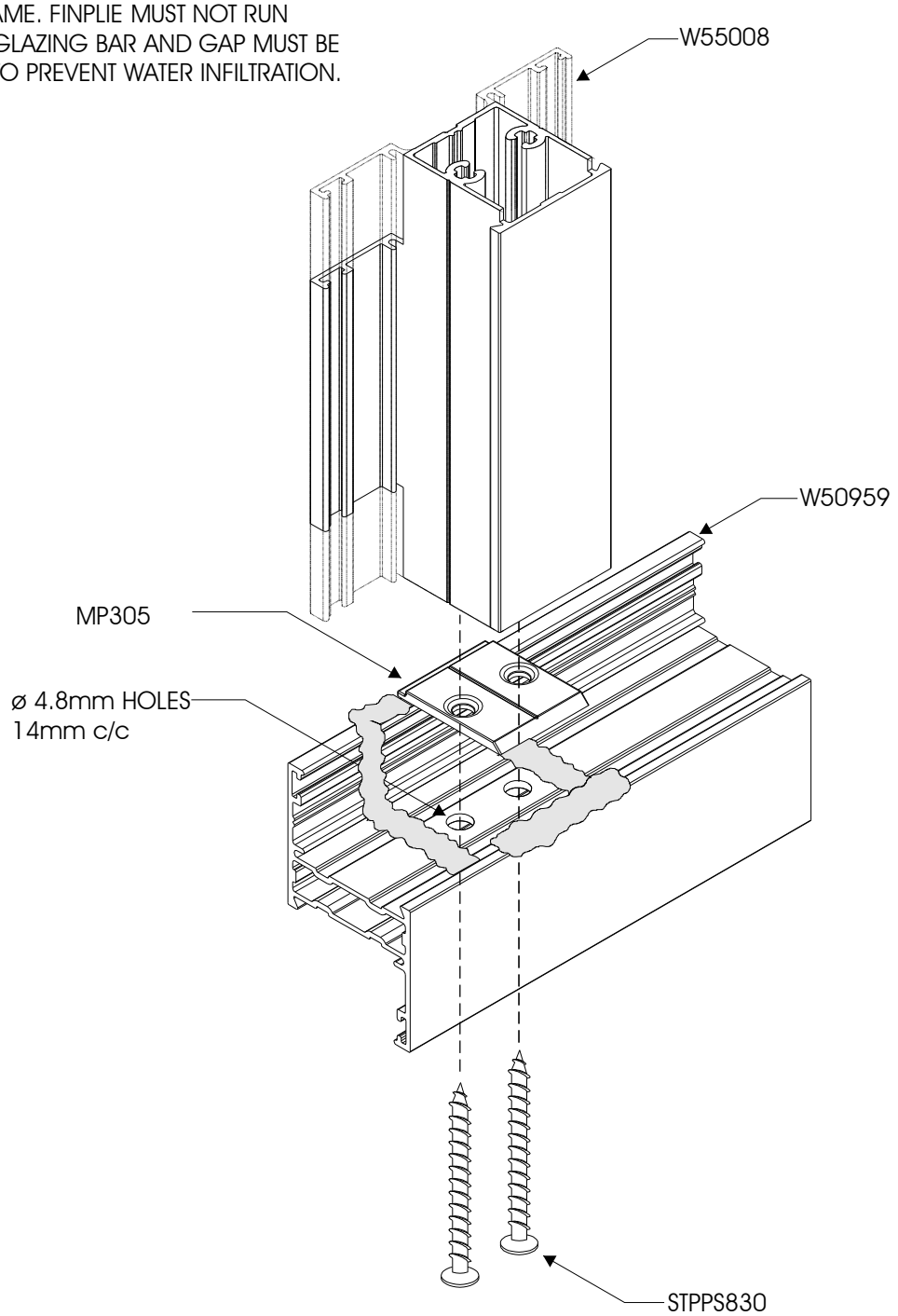
CASEMENT 30.5
WINDOW SYSTEM
GLAZING BAR FRAME JOINT
ASSEMBLY DETAIL

Conways Est. 1946
Aluminium Profile Stockists

NOTE: ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED PRIOR TO ASSEMBLY IF SASH IS TO BE FITTED INTO FRAME. FINPLIE MUST NOT RUN BEHIND GLAZING BAR AND GAP MUST BE SEALED TO PREVENT WATER INFILTRATION.



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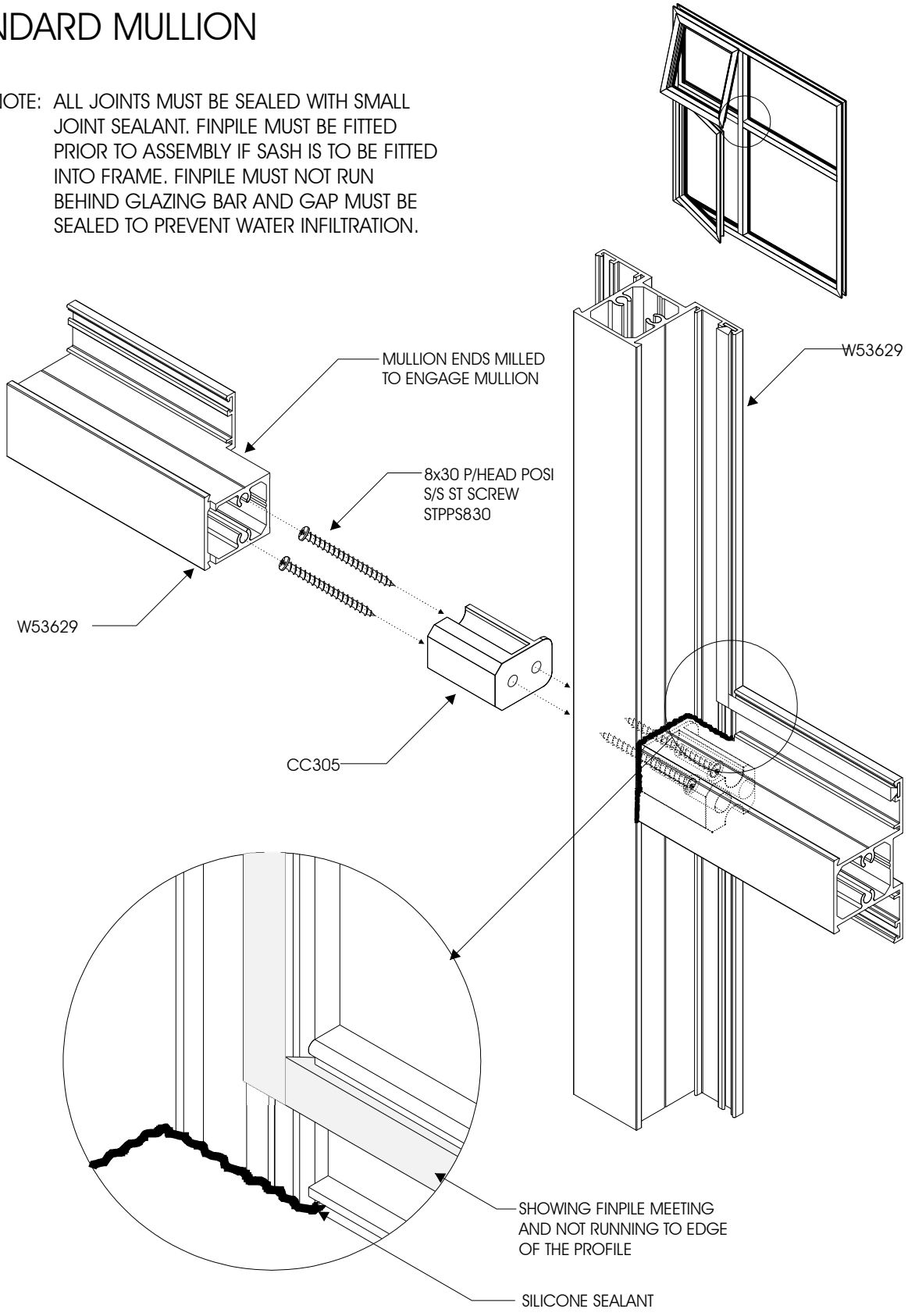
CASEMENT 30.5
WINDOW SYSTEM
CROSS JOINT ASSEMBLY DETAIL
STANDARD MULLION

NOTE: ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED PRIOR TO ASSEMBLY IF SASH IS TO BE FITTED INTO FRAME. FINPILE MUST NOT RUN BEHIND GLAZING BAR AND GAP MUST BE SEALED TO PREVENT WATER INFILTRATION.



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CASEMENT 30.5
WINDOW SYSTEM
CROSS JOINT ASSEMBLY DETAIL
LITE MULLION

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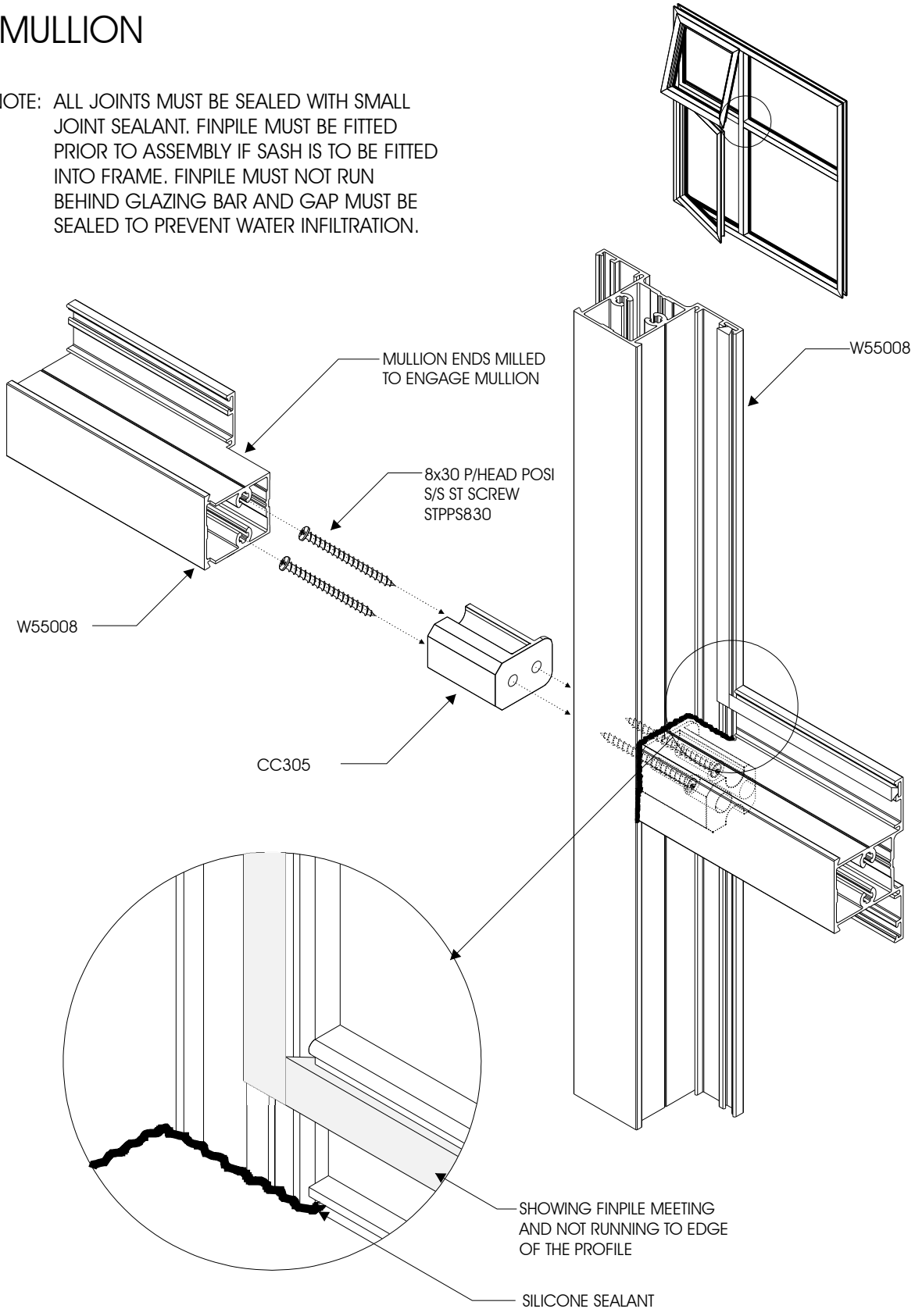
Aluminium Profile Stockists

NOTE: ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED PRIOR TO ASSEMBLY IF SASH IS TO BE FITTED INTO FRAME. FINPILE MUST NOT RUN BEHIND GLAZING BAR AND GAP MUST BE SEALED TO PREVENT WATER INFILTRATION.



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CASEMENT 30.5
WINDOW SYSTEM
CROSS JOINT ASSEMBLY DETAIL
COTTAGE PANE MULLION

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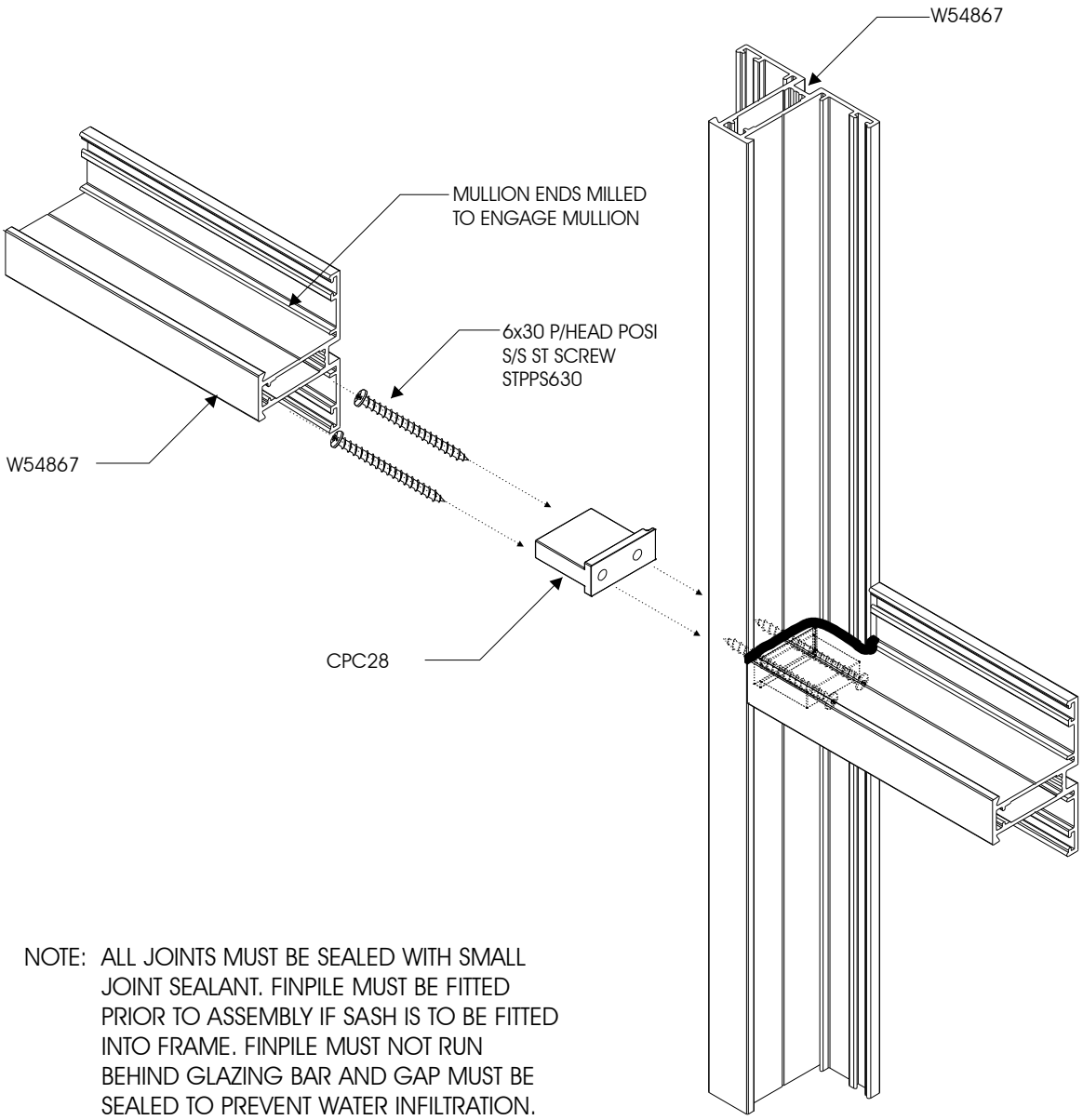
Aluminium Profile Stockists



NOTE: ALL JOINTS MUST BE SEALED WITH SMALL JOINT SEALANT. FINPILE MUST BE FITTED PRIOR TO ASSEMBLY IF SASH IS TO BE FITTED INTO FRAME. FINPILE MUST NOT RUN BEHIND GLAZING BAR AND GAP MUST BE SEALED TO PREVENT WATER INFILTRATION.

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CASEMENT 30.5
WINDOW SYSTEM
GLAZING PROCEDURE

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Aluminium Profile Stockists

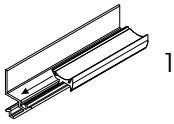
Insert the pull-in vinyl gasket into glazing beads by sliding or pressing it into the groove (1). Before cutting gasket, ensure that it has not stretched and cut 6mm longer so that corners are in compression at all times.

Position bottom glazing bead in glazing bead rebate (2).

Place glass on glazing blocks (3).

Insert top and then side glazing beads ensuring that they are in correctly.

Starting from top centre, insert roll in gasket (4) without stretching it (5). Stop 150mm from corner and partly cut gasket 6mm longer than the edge of the vertical bead. Insert gasket at corner and then roll in remaining 150mm. Repeat this on the other sides. Where gasket ends meet, cut gasket 6mm longer. Insert cut ends first and complete.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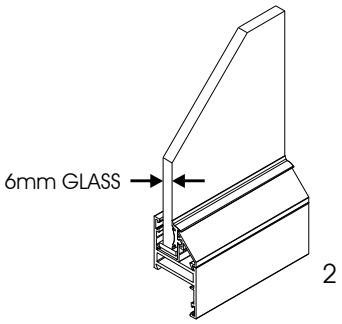

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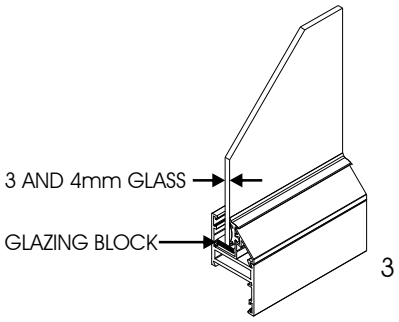
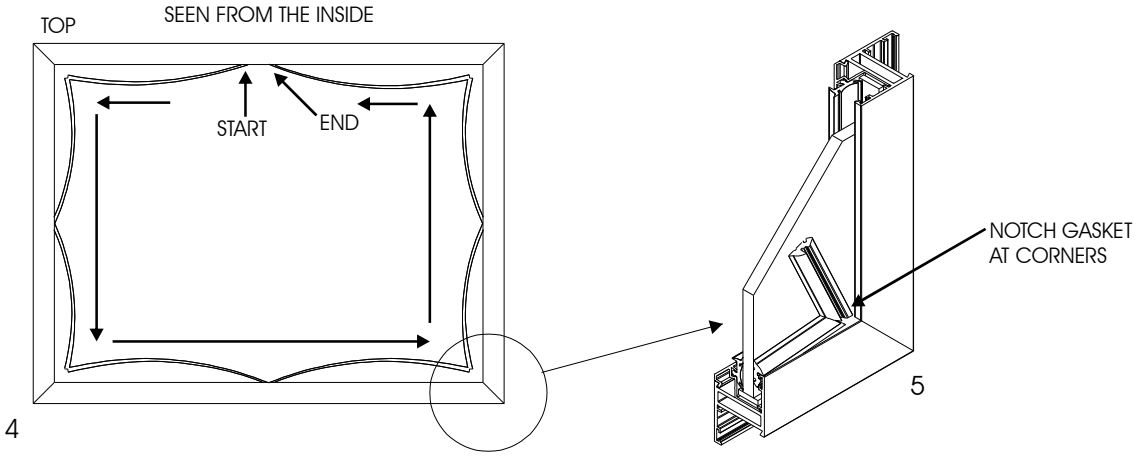


3

ENSURE GASKETS ARE NOT STRETCHED AT ANY STAGE



4
5

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GLAZING

1. SELECTION OF GLAZING METHODS

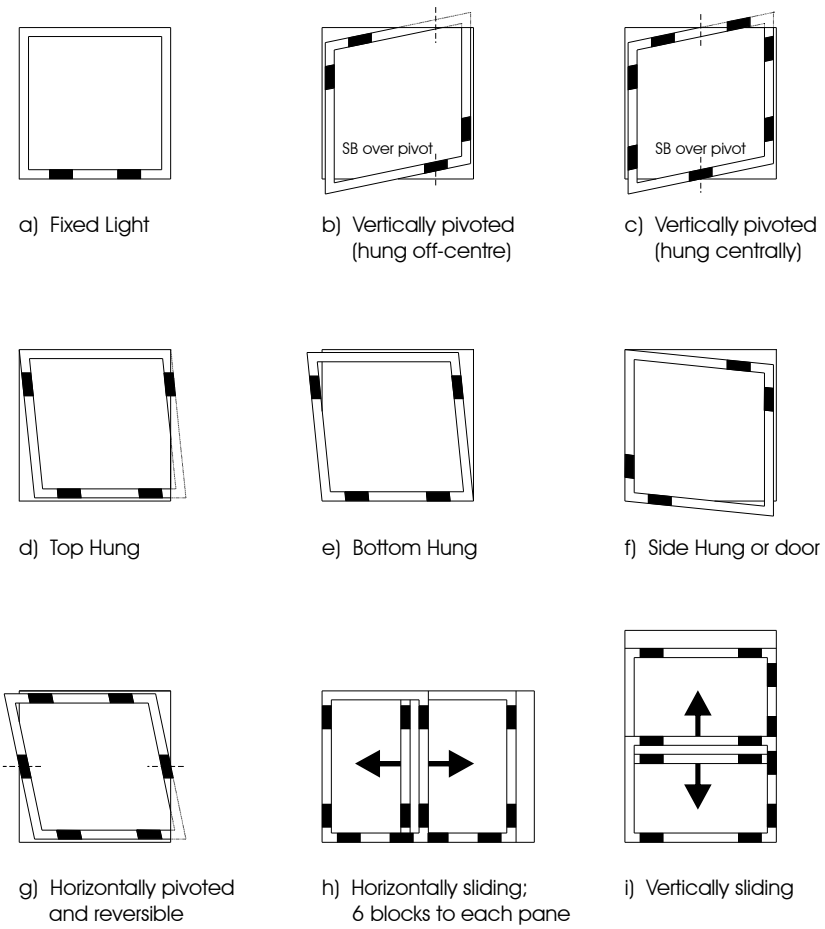
1.1 SETTING AND LOCATION BLOCKS

Glass-to-metal contact must be avoided at all times by using setting and location blocks having a hardness of 50° to 90° shore A durometer. Use only blocks made of Neoprene, EPDM, Silicone or other elastomeric material.

Setting blocks are to have a minimum thickness of 3mm and must be at least 27mm in length per square metre of glass area.

In the event of laminated glass and/or sealed insulated glass units drainage is to be provided to prevent the glass edge to be submerged. Two or more 7mm diameter holes or 5mm x 9mm slotted holes, or larger, are to be equally spaced in the sill section of sash or frame to allow for such ventilation/drainage.

The position of the setting and location blocks is illustrated in Figure 2.



a) Fixed Light
b) Vertically pivoted (hung off-centre)
c) Vertically pivoted (hung centrally)
d) Top Hung
e) Bottom Hung
f) Side Hung or door
g) Horizontally pivoted and reversible
h) Horizontally sliding; 6 blocks to each pane
i) Vertically sliding

FIGURE 2 - POSITION OF SETTING AND LOCATION BLOCKS

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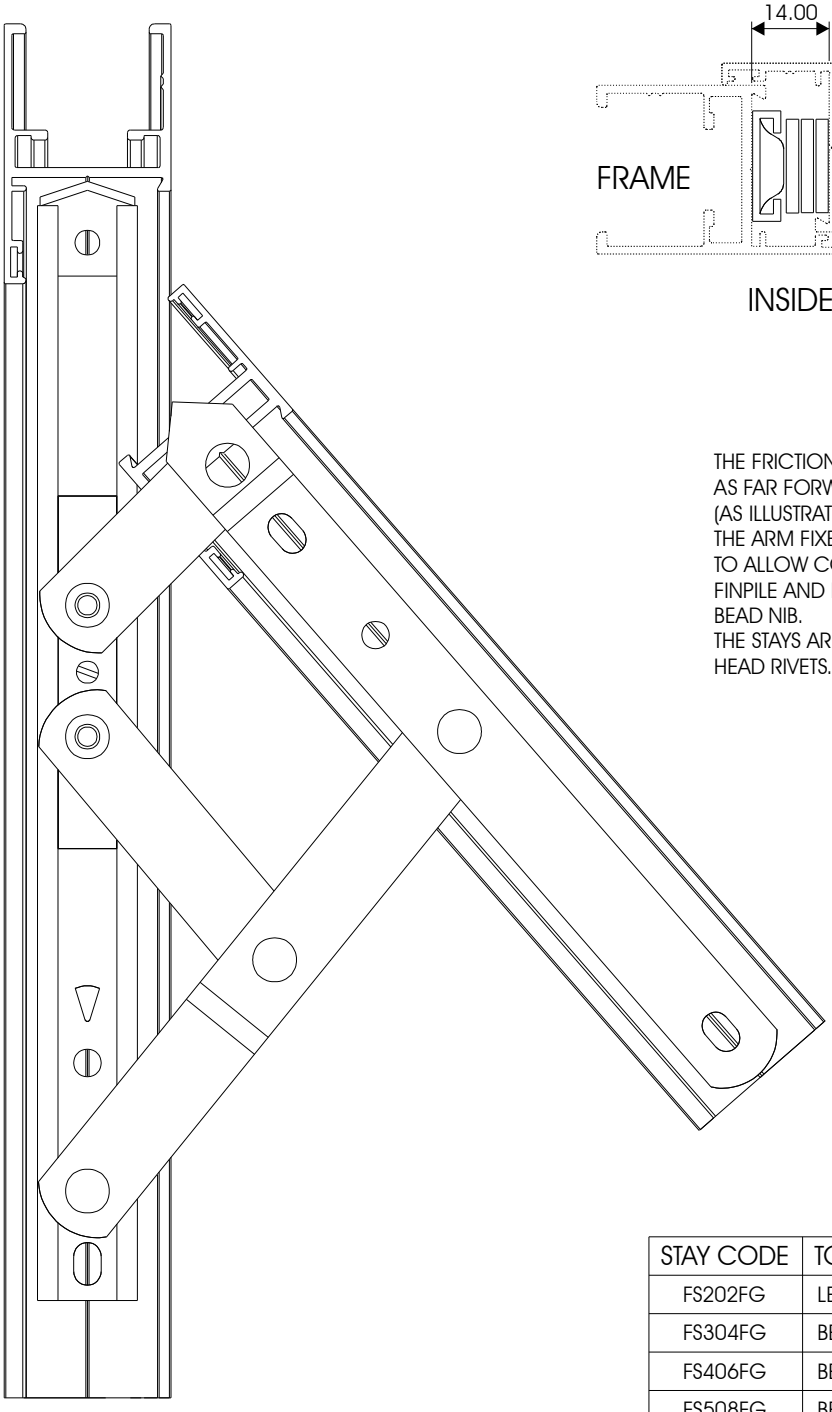
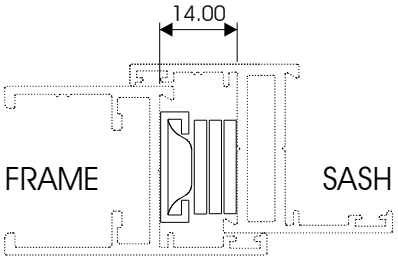
CASEMENT 30.5
WINDOW SYSTEM
FRICTION STAY ASSEMBLY DETAIL





INSIDE

THE FRICTION STAY SHOULD ALWAYS BE FITTED AS FAR FORWARD IN THE FRAME AS POSSIBLE. (AS ILLUSTRATED)
THE ARM FIXED TO THE SASH SHOULD BE FITTED TO ALLOW CORRECT COMPRESSION OF THE FINPILE AND PACKED TO CLEAR GLAZING BEAD NIB.
THE STAYS ARE SECURED WITH 4.8 x 10 DOME HEAD RIVETS.

STAY CODE	TO BE USED FOR SASH SIZE
FS202FG	LESS THAN OR EQUAL TO 300mm
FS304FG	BETWEEN 301mm AND 450mm
FS406FG	BETWEEN 451mm AND 600mm
FS508FG	BETWEEN 601mm AND 750mm
FS600FG	GREATER THAN 750mm

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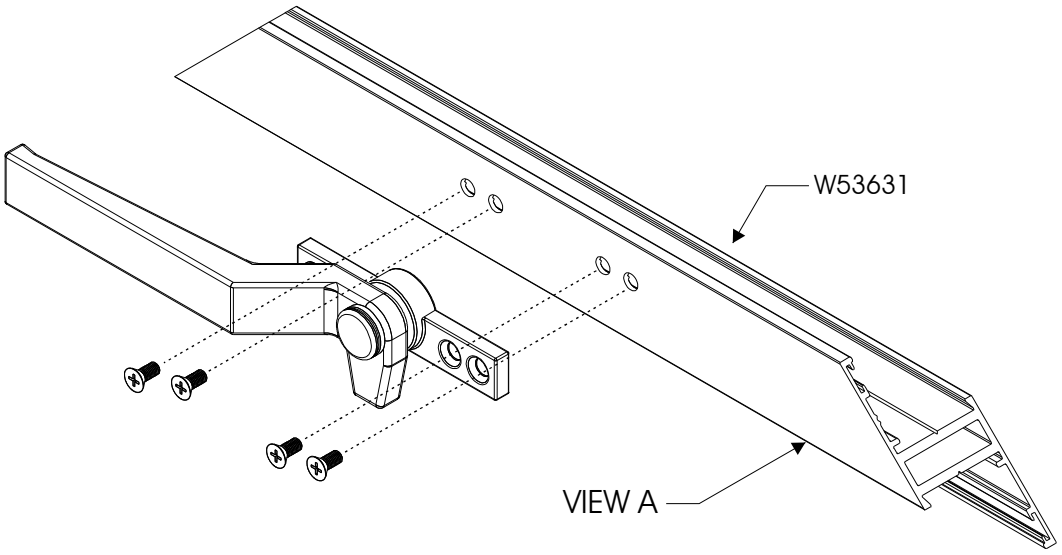
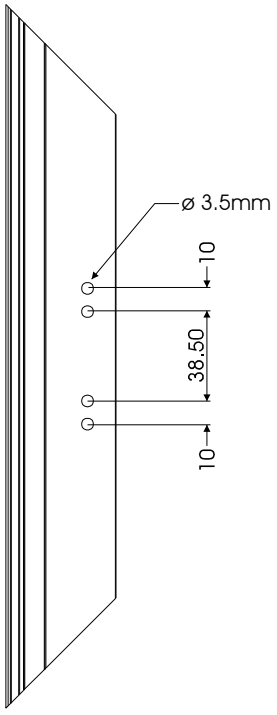
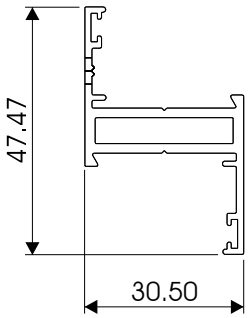
CASEMENT 30.5
WINDOW SYSTEM
HANDLE ASSEMBLY DETAIL



NO 8 x 10 COUNTERSUNK SELF-TAPPING
FLAT END SCREWS



VIEW A



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CASEMENT 30.5
WINDOW SYSTEM
FIXING LUG PREPARATION DETAIL

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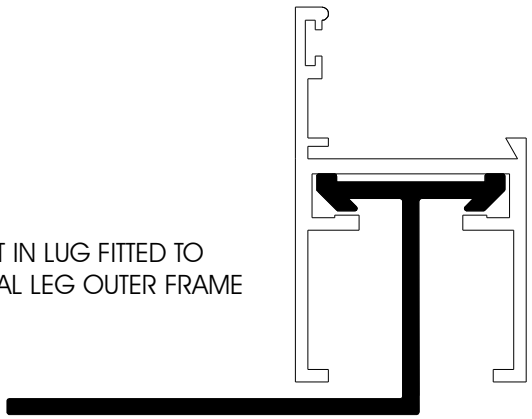
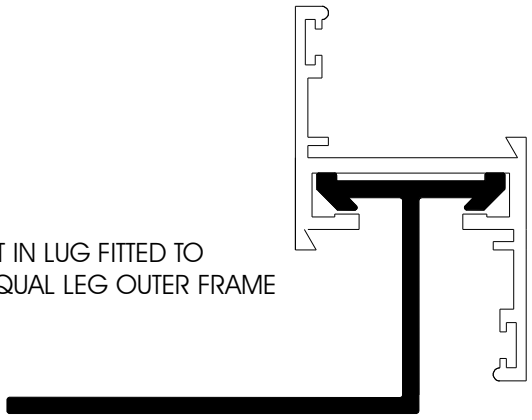
TWIST IN LUG FITTED TO
EQUAL LEG OUTER FRAME



TWIST IN LUG FITTED TO
UNEQUAL LEG OUTER FRAME



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